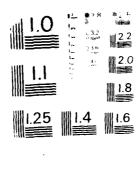
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RS 260630

USAFETA4/05-88/002



THE CORE

# OPERATING LOCATION - A USAFETAC

Air Weather Service (MAC)



"LIMITED SURFACE OBSERVATIONS" CLIMATIC SUMMARY "LISOCS"

LENINGRAD USSR MSC #260630 N 59 56 E 000 06 FLEV 13 FT

PARTS A - F HOURS SUMMARIZED: 0000 2300 LST

PERIOD OF RECORD:

HOURLY DESERVATIONS: OCT 77 - SEP 87

HUMMARY OF DAY DATA: DEC 58 - AUG 87

JAN 0 6 1988

"Approved for public release: FEDERAL BUILDING Distribution (hlir) ted."

ASHEVILLE, N.C. 28801 - 2723



88 1 29 002

#### REVIEW AND APPROVAL STATEMENT

USAFETAC/DS-88/002 LENINGRAD USSR (LISOCS) Jan 1988 is approved for public release. There is no objection to unlimited distribution of this document to the public at large, or by the Defense Technical Information Center (DTIC) to the National Technical Information Service (NTIS).

This document has been reviewed and is approved for publication.

FOR THE COMMANDER

WALTED S RIDCHANN

Scientific and Technical Information Program Manager

#### REPORT DOCUMENTATION PAGE

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\_\_\_\_\_

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**18Subject Terms:** \*climatology \*weather meteorological conditions winds precipitation barometric pressure sky cover temperature relative humidity paychrometric data visibility ceiling Limited Surface Observations Climatic Summary(LISOCS); Leningrad USSR; USSR; RS260630.

19Abstract: A statistical data summary of surface weather observation climatology: Leningrad USSR. This summary is similar to the Revised Uniform Summary of Surface Weather Observations (RUSSWO), but is based on data collected from limited-duty weather observing stations; i.e., those that take weather observations less than 24 hours a day, 7 days a week. The summary is in five parts: PART 1, Weather Conditions and Atmospheric Phenomena; PART 2, Surface Winds; PART 3, Ceiling and Visibility; PART 4, Psychrometric Summaries; and PART 5, Pressure Summaries. Note that PART 2, Precipitation, is omitted. See USAFETAC/TN-83-001 (AD132186), An Aid For Using The Revised Uniform Summary of Surface Weather Observations (RUSSWO), for complete descriptions of contents and instructions for use.

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**22b Telephone:** (618)256-2625.

22c Office Symbol: USAFETAC/LDD.

DD FORM 1473UNCLASSIFIED



A-1

CALL TO: NOME

LIMITED SURFACE ORSERVATIONS CLIMATIC SUMMARY

STATION NAME : LENINGRAD USSES

CHAMMETSED HOMEST - PAFECTIC 3-HOUSEA

PERSON OF RECORD

HOURLY UPSERVATIONS: CCT 77 - SEP 87

SUMMARY OF TAY DATA TREMPREATURES ONLY): DEC 58 - SEP of SUMMARY OF TAY LATA (PART TIME): NOME

TIME CONVERSION EST TO GMF: - 2

TATE PRODUCTOS 30 OLC 97

ARE USERS OF THIS EISOUS MUST FAMILIABERE THEMSELVES WITH THE SETTS DATA CIMITATION, PRIOR TO USING OR DISTRIBUTION THESE SUMMARIES. A SPECIAL CAVEAT PAGE PROVIDES IMPORTANT INFORMATION FOR ALL USERS. THIS SAVEAT PAGE IS LOCATED IN FRONT OF THE SUPPLEMENTAL SECTION.

DE-AZUSAFFTACZMACZAWS

LIMITED SCREACE ORSERVATIONS CLIMATIC SUMMADIC -- FICE'S

HOURLY DESERVATIONS: ALL RECORD ON RECORD SPECIAL OBSERVATIONS RECORDED ON THE ANS FROMS LEVIUA AT SCHEDULED HOURLY DITERVALS.

SUPPLEMENTAL DATA: DATA DEFINED FURM CARLIER PERIODS IF AVAILABLE, AND/OR FROM 200 OF MORE REPRESENTATIVE SITES AND COMBINED BY A METEOROLOGIST.

DESCRIPTION OF SWIMBRIES: PRECEDING EACH PART OF THE RUSSHO IS A BRICE DISCUSSION OF THE RUMMARY INCLUSIVE THE

HARRED OF PRESENTATION.

FOURLY SUPMARIES CONTAINING "TOTALS" AND "ALL HOURS" ARE ONLY FOR THOSE FOLDS SEMMADIZES. IN COMPLETIVE THISE VALUES
THE VALUES IN THE 3-HOUR TIME GROUPS WERE ADDED AND DIVIDED BY THE NUMBER OF CRIDES.

STANTARD 4-HOLR TIME GROUPS: IN ALL SUMMARIES SHOWING CIURNAL VARIATIONS, WE SUMMARIZE DATA USING THE FELLOWING ELGHT 3-HOUR TIME PERIODS IN LOCAL STANDARD TIME: 20000-2200, 5760-2700, 03000-2400, 7477-1171, 1217-1400, 1570-1700, 1300-2000, 7100-2700 LST.

FOR A DETAILLU DESCRIPTION OF EACH SUMMARY WITH EXAMPLES AND EXERCISES ON ITS USAGE, SET CHARGIACYTH-RE-371, "AN ARE FOR USING THE REVISED UNIFORM SUMMARY OF SURFACE REATHER OBSERVATIONS" (RUSSRC).

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STATION HISTORY

FART A: ACATHER CONCITIONS AND AIMOSPHERIC PHENOMENA SHMMARIES

PART RE SEE STEPPERMENTAL DATA SECTION PELOW

PART C: CUMPAGE WINE COMMARIES

PART OF CHIEFING VERSUS VISIBILITY AND SKY COVER SUMMARTES

PART C: TOMOGRAPHUS AND SELECTIVE FUMBRIES

PART F: PORSSUM: SHMMARIES

ACEPLIMENTAL TATA SECTION -- SUMMARY OF DAY DATA

ABOUNCE NUMBER: THE NUMBER IS THE AID MENTHER SERVICE MASTER STATION CATALOG NUMBER. THEN NUMBER IS CUMPALED OF THE MAG NUMBER HE THE AUDITION OF A SUFFIX OF TEROUGH RE. THENCE THENE IN NO DESTINATED AND NUMBER, A SHIGH NUMBER IS CHEATED IN AGREEMENT HER MAD RELES ALS A SIXTE PICEL. THENE NUMBERS ARE ALS DEFERRED TO SO DATISAY OF UKATETAS AREASTS ARE INCOMINED INFAILED THAN 150-TO REPORTING STATIONS MORED WIDE.

WIR: THE FIRST AND EAST HOLD GROUPS MAY UP MAY NOT CONTAIN ALL THREE CRUES. WE HOLDS CHMMARIZED ON COVER OF STATION FISTORY SEEL TO DELICEPTING WELCH FROM AND INCLUDED IN THESE TWO LODGE GROUPS.

2606	NO ON SUMMARY	STATION NAME LENINGRAD USSR		LATIT N F		CONGITUDE F 030 TR	FIELD ELEVI		WMO NUMPER	
		STATION LOCAT	TION A				ATION	HIST	ORY	1
UMBER OF ICATION		CFOGRAPHICAL L. *TION & NAME	TYPE OF STATION	AT THIS		LATITUDE	LONGITUDE	ELEVATIO	HI BARO	OBS PER DAI
1.	LENTNGRA	D USSR	FAN	nct 77	SEP 37	N 59 58	. 030 Jo 15 (1 4)/V			0
IMBER Of Cation	DATE OF CHANGE	SURFACE LOCATION	WIND EGUIPMENT	INFORMATION TYPE OF TRANSMITTI	TYPE OF	HT ABOYE	BEMVARC VI	CITIONAL FOUR	OMENT OR PE	ASON FOR CHANGE
		N/A		N/A	M/A	fI/A				

PPPPPPPP		44444	BEFFR	e g q	111111111	5.5.2	6.5.5
PPPPPPPP	p	A A A A A A A A A A A A	RRPPR	R R R R	111711111	* * * *	1141
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PF	nt a	Λ Δ	RR	RR	1 7	t t	1.6
PPPPPPPP	P A	4.4 4	RREPR	H H H H H	1 1	1.1	. A
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PP	Δ	Α Α Α	RR	D D	T 1	t t	6.6
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WEATHER CONDITIONS AND ATMOSPHERIC PRESOMENA SUMMARIES

#### WEATHER CONDITIONS SUMMARY

- 1. I PERCENTANC FREDRIKCY OCCURRENCE SUMMARY OF VARIOUS ATMOSERIERIC RHENGMENA IND GRATPHICTIONS TO VISION.
- 2. PATA BASED ON FOURLY ORSERVATIONS.
- T. SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANDUALLY CHIL YEARS COMPLISED.

#### DEFINITIONS:

THUNTERSTORMS: ALL REFORTED THUNDERSTORMS, TORNADOES AND WATERSPOUTS.

WAIN AND/OR DETECT: ALL PERCETED REIN AND OR BRITZLE FALLING TO THE GROUND OUT NOT ERESTING.

FREEZING RAIN ANDROR FREEZING BRIZZLE (GLAZE): ALL REPORTED FREEZING RAIN 62 FREEZING BRIZZLE.

SHOW AND/OF SUFET. SNOW INCLUDING SHOW PROLETS AND GRAINS, ICE CRYSTALS AND FROITS. AND/OR SIFET (ICE POLICES).

HATE: ALE REFORTED HATE.

ALL PRECIPITATION: THIS CATEGORY INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BLOADSE MORE THAN ONE TYPE OF PRECIPITATION MAY APPLANT IN A SINGLE UPSERVATION. THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL COLUMNS MAY EXCLECT THE PERCENTAGES IN THIS COLUMN.

FOG: ALE PERCETED FOG. ICE FOG AND GROUND FOG.

SMOKE AND/OR FAZE: ALL REPORTED SMOKE, HAZE AND ANY COMBINATION THEREOF.

REDATED SKOA: ALL REPORTED BLOWING SYDWS INCLUDING DRIFTING WHEN REPORTED.

PUST AND ADDITIONS ALL REPORTED BUST, SAND, RECHING BUST, PLOWING SAME AND ANY COMPLINATION DEFENSA-THE ATMICEPHRATE FERNOMENA SUMMARY COAYS WITHE INCLUDES ONLY TROSE REPORTS WEEN THE PHENOMENA VISIBILITY U.SS TEAN 578 MILES (1969 METERS).

ALL CUSTAGORIGOUS TO VISION: INCLUDES ALL PEPORTS OF OBSTRUCTIONS TO VISION (FOR THEM DUSTYSANDI AMP B) MINS SPRAY. BECAUSE MORE THAN ONE PHEROMENA PER OPSTRUATION MAY OCCUR, THE SUM OF THE INCLUDIAL COLUMNS MAY EXCEED THIS COLUMN.

#### 5018 03

1. A VALUE IN THE TABLES OF ".." INCLEASES LESS TIAN . 35% OCCURRENCE WHICH IS CHIFLLY ONLY ONL OCCURRENCE

THE PROPERTY OF THE PROPERTY OF HOUSE A SUPPLICATION. THIS PROCESS OF THE PROCESS OF THE PROPERTY OF THE PROPE

#### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PEP100	O.F	RECORU:	78-8

	_						MONTH	: JAN			
HOURS (EST)	TSTMS &	AIN FRZI /OR RAI ZZLE L/C DRIZZ	IN ¿/O DR SLEE	R HAIL	% ORS WITH PRECIP	FOG	SHOKE 1.70R HA7E	BLOWING SNOW	DUST 6/08 5AND	* 085 W/c851 TO VI:10N	CR2 LOLYF
CO-GS	i	3 • ü	.3 39.	1	41.5	16.4	1.0	. 1		18.1	269
03-05	ı	2 • 7	.3 36.	5	38,5	16.9	1.0	1.3		18.9	301
06-08	ı	2 • 3	31.	5	33.9	16.1	1.3	. 7	. 3	18.5	29E
C9-11	l	3 • 3	.7 32.	5	35 • 8	18.2	1.1	. 4		19.7	274
12-14	l	2.6	.7 40.	3	42.6	18.7	1.3	. 5		20.3	3 C S
15-17	1	3.0	32.	5	35 • 1	19.3	2 • 6	1.3		23.0	31.5
18-20	l	1.6	29.	8	31.1	21.0	2.3	1.0		24.3	305
21-23	. 3	2.7	33.	6	35 • 9	16.9	1.0	. 3		18.3	301
TOTALS	· 0	2.7	.3 34.	5	36.8	17.9	1.5	• 7	<b>.</b> C	10.1	2366

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIC	1D 0	F (	recorD:	78-8
** * * *			n	

							MONTH:	FFR			
HOURS   (LST)	RAIN TSIMS &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW E/OR SLEET	PAIL	1 OBS WITH PRECIP	FOG	SMOKE EZOR HAZE	BLOWING SNOW	DUST &/OR SAND	1 0gS W/(RST 10 VISION	TOTAL OBS
00-02 (	.7	.4	25.0	•••••	76.1	25.0	• • • • • • •		• • • • • •	25.0	276
03-05		•4	28.6		29 • D	25.0				:5.0	276
06-68	1.1		29.3		29.7	26.0				3.6.0	273
09-11	.4		29.8		30 • 2	21.0	1.2			78.2	252
12-14	1.1		33.6		33.9	23.2	2 • 1	• 7		76.1	2 ° C
15-17 (	1 - 1		21.7		22.0	23.1	4.7	. 4	. 4	28.5	211
18-20	.7		18 • 2		19 • 0	22.3	3 . 3	. 7		76.3	274
21-23	1.1		25.8		26 • 5	23.6				23.6	275
TOTALS	. 8	.1	26.5		27.1	24.4 '	1.4	• 2	1.	1.6.1	2193

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY 03 SERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD LSSR

PERIOD OF RECORD: 7P-87
HONTH: MAR

H <sub>O</sub> LRS   (LST)	RAIN TSTMS 6/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW &/OR SLEET	HAIL	\$ 085 WITH PRECIP	FOG	SMORE EZOR BLOWING PAZE SNOW	DUST \$ ORS C/OR W/CBST SAND TO VISION	1674/ 085
co-c2 1	5.3		14.1		19 - 1	17.8	• 3	18.1	304
03-05	2.9		15.6		18.6	20.5	. 3	.0.8	3 C 7
06-08 [	3 • 3		17.6		20.9	21.9		¿1.9	306
07-11 1	3 + 8	• 3	19.5	. 3	23.7	22.€	. 7	: 3 . 3	787
12-14	4.6		13.4		18 • 0	20.D	1.6	21.6	305
15-17	2.6	•3	15.4		18.0	10.8	1.6	12.5	3 O C
19-20	3 • 3	.7	14.5		18 • 2	8 • 3	. 7	8 • 7	303
21-23 1	4 • 6		9 . 2		13.8	12.8		12.8	#C4
TOTALS	3.8	•2	14.9	•0	18.8	16.8	. 7	17.5	2421

STATION NUMBER: 2606+0 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87 MONTH: APR

								ENGIF. WE		
• • • • • • • • • • • • • • • • • • • •		RAIN	FRZING	SNOW		1 0BS		SMOKE	DUST & ORS	
наыя		6/0R	RAIN	E/OR	PAIL	WITH	FOG	C/OR BLOWING	C/OR W/CBST	
11211	1	DRIZZLE	DR 1 22 LE	21661		PRECIP		HAZE SNOW	SAND TO VISION	08.5
59-63	1	7.2		4.1	• • • • • • • •	11.0	15.1	• 3	15.4	292
07-05	.3	9.5		5.1		13.2	18.3		18.3	295
n6-08	t	6 • 6		5 • 2		11.5	23.3		23.3	2 F H
; 9 - 1 1	1	6.6		7 • 3		13.1	17.0	2.4	19.4	289
17-14	t	6.7		5.4		10.8	10.4	2.4	12.8	297
15-17	F	5.4		5.4		10.1	5.0	1 - 3	6.4	298
18-20	F	5.5		5.9		10 • 7	4.5	2.4	6.9	289
21-23	t	8.7		3.7		12.4	9.1	• 7	9.7	5.58
TOTALS	-			5.3		11.6	12.8	1 • 2	14.0	2346

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD	OF	:090)	78-P7
MONTH	. MA	<b>Y</b>	

HOURS   {LST}	TSTMS	RAIN G/OR Drizzle	FRZING RAIN E/OR DRIZZLE	SNOH L/OR SLEET	HAIL	% 085 WITH PRFCIP	FOG	SHOKE EZOR BLOWING HAZE SNOW	DIST \$ 0#5 6/08 W/(65T 56MD 10 VICTON	Total ras
00-02	*	6.6	•••••	• 3	•••••	7.0	8.6		A . +,	
03-05	. 3	8.3		• 3		8.3	13.5		13.5	4 . *
06-08		9.6		. 7		9.9	13.2		13+2	30.
69-11		9.1		• 6		9.7	9.7	1.0	16.1	374
12-14		10.5		• 7		11.1	3.3	1 • 3	4.6	15 C
15-17		6.9		. 7	. 3	7.9	5 • C	1.0	4.9	1, 1
18-20	• 3	9.2		• 3		9 • 2	1.3	• 3	1 + 7	i = i
21-23	1.0	7 • 8		• 3		8 • 2	5.2		5.2	£36
TOTALS	. 2	8.5		• 5	• 0	8 • 9	7.5	• *:	7.7	2471

STATION N	UMPER:	260630	STATION	NAME:	LENINGRAD	USSR

## PERICO OF RECORD: 78-87 MONTH: JUN

•	HOUPS (LST)	,	1 S IMS	DRIZZLE	OR 1 27 LE	SNOW E/OP SLEET	F-A I L	% ORS WITH PRECIP	F U G	SMOKE E/OR BLOWING HAZE SNOW	DUST % GRS CYOR WYEBST SAND TO VISION	1014; 063
	20-00	1	1.4	8.1		. 3	• • • • • • •	8,4	10.5	. 3	10.8	796
	03-05	i	. 3	6.4				6.4	15.5		15.5	297
	C6-D8	1		4.2			. 3	9.5	11.9		11.9	294
	29-11	1		7.8				7 . 8	6.5	• 3	6.8	294
	12-14	1	. 3	9.8				9.8	2 • 1		2.7	295
	15-17	1	2.0	10.8				10.8	1.7		1 • 7	295
	18-20	1	1.5	10.2				10 . 2	1.0		1.0	294
	21-23	1	. 1	8.6				8 • 6	3.4		3 • 4	292
	TOTALS	1	. 7	8.9		• 0	.0	в.9	6 • 7	. 1	6.7	2357

GEORAL CLIMATOLOGY RRANCH USAFFTAC

### PERCENTAGE FREGUENCY OF DECEMBENCE OF WEATHER CONCILION, FROM HOURLY OBSERVATIONS

ATR WEATHER SERVICE/MAC STATION NUMBER: 250657 STATION NAME: LENISHRAD USSR

TATION NUMBER: 2								MUNIH: JUL DERIOD OF RECORD		
<del>ս</del> ուլուդ	1	STHS	#155FF #108 #14F#	FRZINO	SNOW L/OR	FAI(	\$ 0PS	SMOKE EZDE BLOWING HAZE SNOW	5051 5768	t tay wyte t

ноиль ( 1157) [ 	15185	UNISALE ENOR	R 41 N 6 / 0 H 6 P I / 7 L I	SLEFT	1- A [ (	PRECIP	106	tzne Btn∈tka HAZE SMine	SAND	with t to VI I's	t ry er
J0+02	1.3	6 • 8			• • • • • • • •	6.8	11.5		•••••	11	7 .
01-05 H	. 3	6.,				b ∗ ĉ	22.1	. *		i	
g6-08 l		***				9.2	21.4	+3		11	**
39-11-1	. '	13.7				10.7	10.4	. 3		10.00	0.00
12-14	. 1	10.9				10.9	3 • 6			1.1	* 4
15-17	1.9	15.4				10.4	1.6			1.6	f
18-20 1	1.3	7.5				9.5	1.6			1.0	• .
21-23 1	. 3	6.6				6 . 6	3.9			F	$r \sim \mu$
TOTALS I	. a	5 • 8				8.8	9.7	• 1		₹.ē	,141 <u>.</u>

STATION NUMBER: 250630 STATION NAME:	RENINGRAD USSR	PERION OF RECORDS 78-53 MONTH: AUG

i Faurs i ((ST)	T S 1M S	##IN E70R GRIZZLE	FRZING RAIN E/OP DRIZZIE	540# 6/0# 51 E E T	FAIL	\$ 085 #17# PRFCIP	FaG	SMORE FYOR BLOWING FAZE SNOW	DUST # CHS CAUR MACHEL ALCHEL	1111A) .67
0 <b>n-</b> n2   1		٤٠٠	• • • • • • • • • •	••••••	• • • • • • •	A.3	17.6	• • • • • • • • • • • • • • • • • • • •	27+6	101
77-69	1.0	13.2				10 • 2	21.1		:1.1	<b>*</b>
08-08-1	. 1	15.7				13.9	24.3		. 4 . 3	11.4
39711 I	. 1	13.7				13.7	16.0		16.0	151
12-14	1.0	10.7				10.7	7.3	. 3	7.7	7 n.
15-17	. 3	13.8				10.9	2.4		2.9	£26
18-2C	. 1	15.5				15.3	2.1		2.5	5 ° G
21-23	1.0	B.,				8.9	9.	. 3	7.A	3 5
TOTALS	. 6	10.9				10.7	12.6	-1	12.7	24.6

## PERCENTAGE FREQUENCY OF OCCUPRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87 MONTH: SEP

FOURS ( (LST)	† S TM S	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	PAIL	\$ 0B2 MITH PRECIP	FOG	SMOKE E/OR BLOWI HAZE SNO	NG E/OR W/	085 GBST TCTA TO GRS	
00-02		13.7	• • • • • • • •	.3	• • • • • • •	14.0	21.4	• • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	21.4 29	9
03-05	I	12.5		. 3		12.8	27.7			21.1 27	:6
06-08	. 4	12.6				12.6	27.8				. 7
0 0-11		15 • 3		. 3		15.6	22.4			22.4 29	15
12-14 (		14.3				14 - 3	10.5	. 3		15.8 28	1
15-17	. 3	15.1			. 3	15 • 4	7 • 4			7.4 29	. 6
18-20	.3	16.4			• 3	16 • B	5.8		• 3	6 + 2 29	
21-23	• 3	17.2				17.2	11.8			11.8 29	7
TOTALS 1		14.6		•1	• 1	14 - 8	16.9	• 0	•0	16.9 234	1

STATION NUMBER: 26063C STATION NAME: LENINGRAD USSR

PEPIOD OF RECORD: 77-86 MONTH: OCT

							MONIH: OLT			
HOURS   (LST)	RAIN ISTMS E/OR DRIZZLE	FRZING RAIN	SNOW &/OR SLEET	PAIL	* OBS WITH PRECIP	FOG	SMOKE E/OR BLOWING PAZE SNOW	DUST E/OR SAND	* OBS W/CBST TO VISION	101 <u>a</u> l 085
00-02	17.2	• • • • • • • •	2.0		19.1	15.5	* * * * * * * * * * * * * * * * * * * *	•••••	15.5	303
03-05	15.3		2 • 6		17.9	17.9			17.9	307
06-08	12.1	.3	2.0		14.7	22.4			22.4	299
09-11	18.3		2.6		20.6	20.6			20.6	376
12-14	18.2		3.0		20 • 5	16.9			16.9	302
15-17	14.1		3.6		16.7	14.7	. 1		15.4	306
18-20 1	17.3		2.0		19.0	11.3	. 7	. 3	12.3	300
21-23	15.5		2 . 3		17.5	17.2			17.2	303
TOTALS 1	16.1	•0	2.5		18,3	17 1	• 2	• 0	17.5	2426
• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • •	• • • • • • • • •			• • • • • • • •				

### PERCENTAGE FREQUENCY OF OCCUPRENCE OF WEATHER CONCILLIONS FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

<b>₽E31</b> 00	C.F	ef(oeb:	11-96
46.			

							MONTH: NOV				
HOURS (	RAIN ISIMS E/OR DRIZZLE	FRZING RAIN E/OF DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	F06	SMURE EZOR HEOWING FAZE ÇNOW	0U11 670P 54NU	R ORS WZCHST TO VISION	TOTAL 240	• • • • •
co-as 1	14.7	• • • • • • • • •	20 · 8		3.1	12.6			17.6	293	• • • • •
03-05	10.3	.3	18.2		26.7	15.1			15.1	29.	
36-08 I	13.3	.3	19.8		10.4	15.4			15.4	. 9 5	
09-11	12.4		15 • 8		26.5	17.5		. 3	17.9	₹91	
12-14	13.2		16.6		28.4	18.2	1.7		19.3	ē96	
15-17	14 • 2		15 - 3		29.2	16.6	. 1		17.3	205	
18-20 1	13.1		19.2		31.6	14.A	• 3		15.1	195	
21-23 1	14.6		19 . 3		32,9	13.2	. 3		13.6	295	
TOTALS :	13.2	-1	18.1		29.9	15.4	.3 .0	• 0	15.4	2346	

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PER 100	GF	RECORD:	77-64
		•	

										nomin:					
• • • • •	HOURS (EST)		TSTMS	RAIN E/OR ORIZZLE	FRZING RAIN £/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% ORS WITH PRECIP	FaG	SMORE E/OR HAZE	BEOWING SNOW	DUST £/OR SAND	\$ 085 W/(B51 10 VISION	TOTAL OBS	• • • •
	00-02	i	• • • • • • • • •	7.5	•3	34.0		40 • 2	19.0		••••••	•••••	19.0	3.00	• • • •
	03-05	t		6 • 2		32.2		37 + 5	16.6		.1		17.3	307	
	06-08	i	. 3	5.0		31.9	. 3	36 . 2	20.1				20.5	298	
	C 9-11	1	. 4	7.4		31.9		37.9	16.8		.4		17	285	
	12-14	1		4.9	.3	31.9		36 • R	22.C	. 5			22.4	304	
	15-17	ł		6.5	.3	29.4		35.3	18.3	. 3			18.6	3 ℃ €	
	19-20	ı		6.9	. 3	28.5		35.1	21.6				71.6	305	
	21-23	1		5.2		32.9		36 . 8	22.1				. 2 - 1	107	
	TOTALS	ł	, 1	6.2	•2	31.6	• 0	'1.0	19.6	. 1	• 2		1 V . A	2418	

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-87
MONTH: ALL STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

	HOURS !	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN &/OR DRIZZŁE	SNOW E/OR SLEET	PAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR FAZE	BLOWING SNOW	OUST E/OR SAND	\$ 085 W/CBST TO VISION	10TAL OBS	
JAN	ALL 1	.0	2.7	•3	34 - 5	•••••	36.8	17.9	1.5	.7	•0	20.1	2388	•
FEB	1		. 8	-1	26.5		27.1	24.4	1.4	. 2	• 1	76.1	21 n 3	
MAR	ı		3 . 8	•2	14.9	• 0	18.8	16.5	.7			17.5	2421	
APR	1	• 0	6.9		5 • 3		11.6	12.8	1.2			14.0	2346	
MAY	i	• 2	8 • 5		• 5	• 0	8.9	7.5	• 5			7.9	2431	
JUN	i	.7	8 • 9		•0	• 0	8.9	6.7	- 1			6.7	2357	
JUL	1	• 8	8 . 8				8.8	9.7	- 1			9 • 8	2451	
AUG	1	• 6	10.9				10.9	12.6	. 1			12.7	2426	
SEP	1	• 2	14.6		. 1	• 1	14.8	16.9	• 0	• 0		16.9	2341	
001	1		16.1	.0	2.5		18.3	17.1	. 2		.0	17.3	2426	
NOV	1		13.2	.1	18.1		29.9	15.4	. 3	•0	•0	15.8	2346	
DEC	1	• 1	6 • 2	•2	31.6	• 0	37.0	19.6	• 1	• 2		19.8	2418	
	TOTALS !	• 2	8 • 5	-1	11.2	• 0	19.3	14.8	. 5	. 1	.0	15,4	28534	

44444			A A A A	32 RR)	3 R R R R	111111111	स्टाम्सा हिन्दुम
	FIFE	г дда	раса	4 14 14 14 14	4 M M M M	111711111	ការ មក មួយ ម៉ូត្ ម៉ូត្
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p p		Λf	A A	Q D	ΒB	11	գրող բրայ

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SEE SUPPLEMENTAL SECTION ESTAMBRY OF DAY DATAL FOR THESE SJAMARTES.

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STANDARD DESCRIPTION CALGOLISM TARGESTIONS OF SHAPARE \*1500

TATA DESIVER F 'GM + GUNEY DATA.

DESCRIPTION AND THE FRACESTRES REFERENCE OF AIND DIRECTION TO 12 COMPARY ROLLS ,  $r_{\rm LS}/r_{\rm N}^{\rm C}$  washing weight kind of the Californian.

PERCENTAGES ARE SHOWN BY FORM DIRECTIONS AND SCHOOL AND IN ALBITRON THE MOST WISE SECTION FOR SACE DIRECTION.

MATA PRESENTED BY THE STANDARD SHOOD TIME GROWES BY MANTH, MOUTHLY AND AND MER CALL YEAR COMMEND IN

A CLEADATE AUGUST 1961 PRESENT DE SAMERIVADIATE DE LOFETING AUTO PRODUCT DE LOFET DE

A PROCESSAGE VALUE OF THEM IN THESE TABLES INDICATES ONE OR MODE OF CHERRY, IN AMERICAN TRACE . THAN . 12.

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM POURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 79-87
MONTH: JAN HOURSTESTI: 0000-0255 WIND SPEED IN MNOTS 17-21 22-27 28-33 34-40 DIRECTION I 41-47 48-55 GE 56 7-10 11-16 EUFGREEST 1 ⊆ IND N | .7 1.0 6.0 ۲, ۲ NNE 1.0 3.3 1.0 . 3 5.7 NE 1. 2.3 . 7 4.7 ENE 1 . 7 6.7 . 1 2.0 4.1 5.0 Ł 2 . C 5.7 2.0 1.0 ٠., FSF . . 3 . 3 3.7 €.7 2.1 1.0 . 3 SE 4.7 9.1 SSE 1. 4 2.3 . 3 . 7 2.0 10.4 0.4 4.0 . 7 S 3 . 7 2.0 7.0 554 2.0 1.3 1.3 10.3 . . 9.6 2.0 SW 1 . 7 1.7 6.0 w 5 w 2.7 2.7 . 7 . 3 7.4 7.0 2.3 ₹.₹ 3.0 . 3 10.4 8.0 . 7 5.0 7.5 1.0 1.0 1.3 6.2 4.0 VARIABLE CALM 7.7 ////// 100.0 7.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

AT WEATHER SERVICE/MAC

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR PERIOD OF RECORD: 78-87

PLRIOU OF RECORD: 78-87

MONTH: JAN HOURS(LST): 0500-0506

WIND SPEED IN KNOTS

DIRECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TCTAL HEAN 10EGREST | 3.0 N • • • • • • • • 1.7 • 7 NNE 2.3 1.0 3.7 5.0 NE . 7 2.0 1.0 3.7 . . 6 FNE 3.0 1.0 1 . 3 5 . . f. . 4 £ . 7 3.7 2.0 • 7 7.0 6.2 FSE 2 . 7 1.3 1.7 6.0 7.9 SE . 7 2.0 1.3 4.0 6.0 5 S E . 3 3.0 . 3 6.0 7.4 s 6.0 1.7 2.0 1.0 9.4 11.1 5 S W 2.0 3.7 1.7 7.3 8.6 SW 6.7 A . 4 1.0 7.3 6.7 12.3 7.2 2.0 . 1 . 3 4.0 7.6 1.3 . 3 1. 7 • 3 3.7 9.3 NNW 1.3 2.0 . 7 4.3 CALM 6.7 ////// TOTALS 14.7 10 . 3 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD:

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

IDEGREES! | MIND ••••• 1.0 . 3 • 7 NNE • 3 2.0 1.0 3.4 5.4 3 . 7 . 3 5.0 5.7 NE . 7 • 3 2.0 1.0 3.4 r. . 6 ENE • 3 E 1 . C 2.7 1.3 1.0 4.0 6.3 ESE 1.7 3.0 1.0 1.3 7.0 6.7 SE 1.0 2.0 1.7 7.1 < 5 E . 7 • 3 7.3 7.1 5 1.0 4.0 3 · O . 3 . 3 17.4 ç . 1 . 7 1.0 6.0 9.6 2 . 3 2.0 2.0 2.3 . 3 6.4 9.1 SW 1.3 • 3 . 7 . 3 7.4 3.0 2.0 6.7 1 . 3 . 7 1.7 6.0 2.3 2.3 13.1 7.5 . 7 5.4 6.4 WNH 1.7 1.0 2.0 NH 1.0 1.0 1.3 . 3 4.0 9.1 NNW 1.0 CALM 6.4 ////// TOTALS 23.5 3 . 7 . 3 100.0 6.9

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEFU FROM MOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR PERIOD OF PECORD: 78-87
MONTH: JAN HOURS(LSTI: 0900-1100

:	1				WI	ND SPEED	IN KNOTS	5					
DIRECTION   (DEGREES)		4 -6	7-10		17-21	22-21	28-33	34-40	41-47	48-55	GE 56	T ( TAL	ME AN
N	1,1	1.5	.4	. 4			•••••			• • • • • • • • •		7.3	•1
NNE	1 • 1	1 • 5	1.8									4.4	5.1
NE	į	1 • g		. 4								2 • 2	6.7
ENE	. 7	3 • 3	.7	. 4								5 • 1	Ę . 4
E	Ì	3 . 3	1.5	1.5								6.2	7.5
323	. 4	4.4	.7	1.8								7.4	7.5
SE		2 • 6										2.6	4.6
\$ \$ E	. 4	3 . 3	5.5	. 7	. 7							10.7	6.4
s		2 • 6	3.3	1.1	. 7							7.7	A . A
SSW	. 4	1.9	2.6	. 7	. 7							6 • 2	9.8
SW		1.8	2.2	1.5	. 7							6 • 2	9.9
WSW	1 - 1	3.3	2.2	2.9	• 4							9.0	8.6
	3,3	3.7	1.8	1.8	. 4							11.0	6.6
WNW	1.5	5 • 6	2.6									6 • 6	58
NW	. 7	. 7	. 4	1.1								2.9	٥.9
NNW	.4	1.1										1.5	4.0
	•					• • • • • • • •		· · · · · · · ·			• • • • • • • •		
VARIABLE	l												
CALM	<i>                                    </i>	,,,,,,,	////////	11111111	///////	///////	,,,,,,,,	'''''	,,,,,,,	,,,,,,,	11111111	5.9	111111
TOTALS	11.0	39 . 3	25.7	14.3	3.7							100.0	6.9

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED. FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 7F-P7
MONTH: JAN HOURS (EST): 1260-1460

• • • • • • • • • • • • • • • • • • • •	: • • • • • • • • • • • • • • • • • • •	• • • • • •		• • • • • • •						******		********	1466
DIRECTION (DEGREES)		4 -6	7-10	11-16	17-21	22-27	IN KNOTS 28-33		41-47	48-55	GF SE	1 ( T & L	м[ дт, ш I *- i
N	, 7	1.0	*****		• • • • • • •			•••••	• • • • • • • •	• • • • • • • •	• • • • • • •	7.7	C , 7
NNE	.,	3.6	2.0									6.3	٠.۶
NE	• •	1 - 7	. 7									2.1	6.3
ENE	1 . 3	3.0	. 7									6.5	4.4
£	1.3	3 • C	3.0	. 3	• 3							7.9	f . a
ESE	. 3	3.0	1.3	1.7		• 3						6.5	A . 7
SE	į	2 • 6	2.3	. 3								5.3	7.6
5 S E		2.3	2.3	. 3		. 3						5 . ₹	A . 4
S	į	2.0	6.3	1. 7	. 7							19.6	٠, د
SSW	. 3	2 • 3	3 • 3	2 • 3	.7							٩.٩	4.5
SW	. 7	4.0	1.3	2. 3	. 3							A . 6	7.5
WSW	1.7	2.0	1.3	1.3	. 7							7.0	A.5
¥	1.3	2.3	3 • 3	1.3	. 3	.3						A . 9	P .4
WNW	1.0	2.0	1.0	. 7								4.6	7 - 1
NW	. 3	1.3	1.0	1+ 3								4.0	» "B
NNW	. 3	1.0	. 7									2.0	€.0
VARIABLE	• • • • • • • • • • • • • • • • • • •		•••••	••••	• • • • • • •	• • • • • • •		• • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •		
j	i ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,	///////		,,,,,,,,,				4 6	111111
TOTALS	9.9	37 • 1	30.5	13.9	3.0	1.0					,,,,,	100.0	7.4
1	i											100.0	/ • <b>4</b>
					<b></b>				• • • • • • • •		• • • • • • • •	• • • • • • • • •	• • • • • • • • • • • • •

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTLY VERSUS WIND WEEK FROM HOURLY DRSTRVATIONS

STATION NUMBER: 250630 STATION NAME: LENINGRAD USSR

PERING (F FFCORD: 78-87 MONTH: JAN HOUGSTISTE: 1500-1755 WIND SPEED IN KNOTS DIRECTION | IDEGREESI | 7-10 17-21 22-27 29-33 34-40 41-47 GE-15 BE SE Tilki MEEN wg to c • 3 + 3 1,3 4.0 ٠., NNE 2.3 1.0 NE 2 . 3 1.0 . 3 4.7 4.9 . 3 FNE . 1 3.0 1.0 5.2 4.3 4.0 4.7 £ 1.3 . 3 6.3 • 3 2.0 5.3 6.5 E SE 2.0 1.0 2.0 2.3 7.4 SĘ . 3 4.5 SSF 4 . 3 . 7 10.3 7.6 • 5 4 . 6 s 9.5 2.3 . 7 9.6 5.3 1.3 . 7 а.3 55₩ 1 . 7 3.3 1.7 1.0 .6 3.0 1.0 . 3 S₩ 1 - 3 2 . 6 9.3 7.2 ¥5 ¥ 1.7 2.0 3 . C . 3 4. 1 7.5 . 1 9.2 2.6 3.3 1.3 1.7 1.7 1.3 . 7 . 3 5.6 1.5 NW ٤.3 6 . A NNW CALM 3.3 ////// 100.0 12.6

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATION'

STATION NUMBER: 26063" STATION NAME: LENINGRAD USSR

PER10D OF RECORD: 78-87 MONTH: JAN HOURS(LST): 1800-2000

	•••••	•••••	•••••	• • • • • • •	· · · · · · · · · · · · · · · · · · ·	VD SPEED	IN HNOTS	· • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • • •		• • • • • • • • •	••••••
DIRECTION   IDEGREESE	1-3	4 -6	7-10		17-21	22-27	ZR-33	34-40	41-47	48-55	GF 56	\$ TC14L	ME AN
N 1	•••••	. 7	.7	• 3	• • • • • • •		•••••	• • • • • • •	• • • • • • • •	· · · · · · · · · · · · · · · · · · ·	•••••	1.7	7.6
NNE !	1 • 3	2 • 6	1.7									5.6	ç <b>, 4</b>
NF .		2.0	. 3	. 3								2.6	5.0
FNE	1 • 0	1 - 7	1.0	. 7								4.3	£.:
ε	2.6	3.0	2.0	. 7								9.3	f .5
rsi	• !	4 - 3	2.0	. 3								7.0	6.2
SE		2 • 6	2.0	. 3	. 7							5.6	F.5
\$58	• 3	3.0	3.0	1.0								7.3	7.5
s	. 7	2.6	3.0	2.0	. 7							F . 9	۶.4
55W	. 1	1 - 7	3.0	1.3	1.3							7.9	٥.,٥
SW	1. *	2.3	2 • C	1. 7								7. *	7.4
# S ™ 1	1.3	2.6	2.0	7+ 3								۴.٦	° . ?
<b>.</b>	2.0	5.0	2 • 0	2. 3	. 3							11.6	7.1
	1.7	1.7	1.0	. 3								4.6	5.4
Nu J	. 3	2.0	1.3	1.0								4.6	7.4
NNW 1	. 1	. 7										1.3	3.5
VAR1ABLE !	• • • • • • • • •	• • • • • • •	•••••	• • • • • • • •	• • • • • •		•••••			• • • • • • •	• • • • • • • •	• • • • • • • •	
CVC .	,,,,,,,,,,,	,,,,,,,,	11111111	,,,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,,	1111111	,,,,,,,,	,,,,,,,,	,,,,,,,,	3.0	111111
TOTALS 1	14 . 2	34.4	26.8	14.6	3.0							100.0	7.1
	• • • • • • • • • • • • • • • • • • • •	•••••			• • • • • •			• • • • • • •					

TOTAL NUMBER OF DESERVATIONS: 30.2 AIR WEATHER SERVICE/MAC

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED USAFETAGE. FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87 MONTH: JAN HOURS (LST): 2100-23CC

TRECTION   DEGREES)	1 - 3	4-6	7-1C		17-21		IN KNOTS 28-33	34-40	41-47	48-55	GE 56	TCTAL %	ME AN WIND
N }	1.0	•••••	•••••	. 3			• • • • • • • • •		• • • • • • • •	••••••		1.3	4.5
NNE	. 3	3.0	1.7	. 3								5.4	5.4
NE	. 7	2.3		. 7								₹. 7	6.5
ENE	• 3	2.3	. 3	• 7								₹. /	٠.;
E	. 7	4 . 3	2.0	1.0		• 3						= . 4	7 • .~
FSE	• 3	4 • 7	1.0	1.3								7 . 4	7.0
SE		2.0	1.3	1.3								4.7	٠,٠
SSE	• 3	2 • 7	2.3	. 3								s. , ,	7.5
5	. 7	3.0	3 • 7	2.7	1.3							11.0	g e
SSW 1	• 3	1.0	1.3	2.7	• 7							6.0	16.º
SH	. 7	1 . 7	1.3	1.3								5.1	7.9
wsw	2.7	2.0	2.3	1.7	• 3							9.0	7.2
	1.3	4.3	3.7	1.7	1.0							12.0	P • D
u Nu	• 3	2 • 3	1.7	1.0								5 . 4	7.5
Nw	• 7	1 - 3	1.3	. 7								₹.7	7.5
NNH (	٠,	1 • C	• 3									1.7	4.9
VARIABLE	• • • • • • • • •	•••••	• • • • • • • •	• • • • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • •			••••••	•••••	•••••
CALM .	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,	11/1/1/1	11/1/1/1	1111111	///////	,,,,,,,,	//////	,,,,,,,	,,,,,,,	,,,,,,,	6.4	1/1/11
TOTALS	10 • €	38 • 1	24.4	17.4	3.3	• 3						100.0	7.3

PERCENTAGE FREQUENCY OF OCCURRENCE OF SUPFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATION.

STATION NUMBER: 260630 STAILON NAME: LENINGRAD USSR PERIOD OF RECOPD:

(DEGREES) | **₩1ND** .... N . 5 . 2 e • v NNE . 7 2.6 1.4 . 1 4 . A 3. 0 r .; NF 2.3 . 5 . 1 ENE • 6 4.3 • •0 4.5 1 - 1 3.6 f S F .0 . 6 1.4 7.1 3.4 ٠., SF 2.1 1.6 . 1 7.1 7.= 3.0 . 3 . 1 SSE 3.0 . 5 • 2 10. 3.3 3.9 2.0 ٠,٠ . 3 7.2 ۹.6 . 8 5 S W 1.9 . 1 2.6 1.6 . 3 5.8 H . 4 Sw . 7 2.3 1.7 1.9 4.7 7.7 1.4 . 3 459 2.6 2.0 1.7 11.0 7.5 1 • \* 4.0 2.9 1. 0 • 5 • 1 1 - 1 . 1 •0 5.1 K . A ٠, 4 . 1 ۵ **.** 1 1.3 1.2 1.1 · . 1 . 1 VARIABLE CALM 5.5 ////// TOTALS 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY ORSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR PERIOD OF RECORD: 78-87
MONTH: FER HOURS(LST): 0000-0200

1					ı		IN KNOTS			•••••			•••••
IRECTION   DEGREES)	1-3	4-6	7-10		17-21	22-27	28-33	34-40		48-55		TETAL	ME AN WIND
N ]	2,5	1 - 4	• • • • • • • •	. 4	• • • • • •	•••••	• • • • • • • •		• • • • • • • •	••••••	•••••	4.3	4.7
NNE	1 - 1	2.9	. 4									4.3	4.8
NE	. 7	1 • 8	1.8									4 . 3	6,7
ENE	1 • 1	1.8										2.9	₹.5
E	1.8	2 • ?	2.5	. 4								6.9	6.0
ESE	1 • 4	3 . 3	.7	1.4								6.9	6.4
SE		1.4	• 7									2.2	6.0
SSE		4.0	2.5	. 7								7.2	7.2
s i	, tı	2 • 5	2.5	2 • 2								7.5	9.8
ssw i	. 1	3 • 6	1 - 4									5.9	5 .A
SW I	. 7	2.9	1.4	. 7								5.8	6.5
wsw i	1 - 1	3 • 3	3.3	1 • 4								9.1	7.4
į	3, 4	6 • 2	4.7	1.1	. 7							16.3	6.5
UNE I	1.1	1.4	.4	1.1		.4						4.3	А.А
- NW		1.9		. 7								2.5	7.1
NNH	. 7	1.1	.4									2.2	4.7
VARIABLE I		• • • • • • •	•••••	• • • • • • •	• • • • • •	•••••	• • • • • • • • •		• • • • • • •	• • • • • • • •	•••••	• • • • • • • • •	
	,,,,,,,,,	,,,,,,,	11111111	,,,,,,,,	,,,,,,	,,,,,,,,	,,,,,,,,	1111111	,,,,,,,	,,,,,,,	11111111	7.2	111111
TOTALS	17.0	41.7	22.A	10.1	. 7	.4						100.0	6.0

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED USAFETAC FROM MOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

MONTH: FEP HOURS (LST): 0300-0500 WIND SPEED IN KNOTS

DIPECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 GE 56 IDEGREESI | WIND 5.2 1.8 1.1 3.6 NNE . 7 2.5 . 7 4.0 5.1 NE 1 • 5 2.9 . 7 5.1 4.9 ENE . 4 2.2 4.7 ٤ . 7 8.0 3 • 6 ESE 2 - 5 1.1 . 7 7.1 SE 1.0 1.1 . 4 5.2 SSE 2.9 1.5 6.9 7.-1.5 1 . 1 s 1.1 2.5 7.6 F . 1 3 . 6 SSW 5.5 2.9 1.1 4.4 SW . 7 2.2 6.9 7.7 2.5 1.1 2.9 1.1 €.7 WSW . 7 . 7 5.5 3.6 4.7 1.5 15.6 6.4 484 2.9 1 - 1 5 . A NW . 7 2.9 1.1 5.1 9.9 NNW VARIABLE CALM 10.9 ///// TOTALS 20.4 100.0

PERIOD OF RECORD:

78-87

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY ORSERVATIONS

PERIOD OF RECORD: 19-87
MONTH: FER HOURSILSTE: DEUD-C800 STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

	. <b></b>	• • • • • • •	•••••	• • • • • • • •	w I	ND SPEED	IN KNOT	• • • • • • • • • • • • • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •
DIRECTION   IDEGREES!		4 -6	7-10			22-27	28-33	34-40	41-47	48-55	GF 56	TCTAL %	ME AN WING
N	4	1.1	.7	•••••	• • • • • •	•••••		• • • • • • •	• • • • • • • •			2.2	5 <b>.</b> C
NNE	. 7	3 • 7	. 7	. 7								٠. ۽	ć • o
NE	1 • 1	1 • 5	1.5	. 4								4.4	6.3
ENE		1 • 8	• 7									2+6	f , t
E	. 7	2 • 6	1.8									5 • 1	٠.٦
ESE	1.1	3 • 7	1.1	1.1								7.0	t.?
sŧ	. 7	. 4	1.1									2.2	5.7
s <b>s t</b>	. 7	3 . 3	1.5	. 7								6.7	A . W
S	. 7	2 • 6	2.6	1.5	. 4	.4						8 • 1	9.2
5 S W	1 - 1	2.9	1.1	1.1								6.2	6.7
SW	. 7	3 • 3	1.8	1.5								7.4	7.6
w S w	1.5	2 • 6	1.1	1.1								6 • 2	6.6
•	2.2	4 . 4	3 • 7	2.2								12.5	6.9
WNW	. 4	2.9	1.5	1.5		. 4						6.6	e.4
NW	! !	. 4	1+5	. 4								2.2	F.7
NNW	. 7	1 • 8	.4									2.9	4 . A
WARIABLE	! !	•••••	• • • • • • • •	• • • • • • • •	• • • • • •	•••••	•••••	• • • • • • •			•••••	• • • • • • • • • • • • • • • • • • • •	
CALM	,,,,,,,,,	///////	,,,,,,,,	///////////////////////////////////////	1111111	,,,,,,,	///////	,,,,,,,	,,,,,,,	,,,,,,,	///////	12.1	111111
101#LS	12.9	39.0	22.8	12.1	. 4	.7						100.0	6.3
		• • • • • •					•••••	• • • • • • •	• • • • • • • •				

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED USAFETAC FROM HOURLY ORSERVATIONS

TION NUMBER									HONTH:	FEB		1): 0900-	
	• • • • • • • • •	• • • • • • •	******	• • • • • • • •			IN KNOTS		• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • •	• • • • • • • •
DIRECTION (DEGREES)		4 -6	7-10		17-21	22-27	28+33	34-40			GE 56	TETAL	ME AN
N j	. A	. 8	.4		• • • • • • •	• • • • • • •		• • • • • • •		••••••	••••••	2.0	4.4
NNE	. 4	2 • 4	. 4									3.2	4.0
NE	1 • 2	2.4	1.2	, 4								5.3	٠.٠
FNE	. A	1 . 2	. 8									2 • 8	· · 1
E	. A	3 • 2	1.2									5.2	4.9
£ 2 E	• 4	4.0		. 4								4.0	٠.,
SE	1 • ?	1 . 2	.8									3.0	4 . 4
SSF	1 • 2	4.4	2 • 4	1. 2	. 4							9.6	7.2
s į		3 • 2	3.2	• 8								1.2	7.44
SSW	. 4	2 • 4	1.6	1.2								e, • *	7.7
S#	. 4	3 • 6	2.0	1.2	. 8							9.0	P • 7
WSW	2.0	2 • 8	3 • 6	• F								9.7	F.4
<u> </u>	2 • 4	6 • A	2 • A	1.6	. 4							11.0	6.4
WNW	3.2	3.2	• 8	1 • 2	. 4							9.9	۹, ۲
NW		. 4	1.6	1.2								3.2	Ç . A
NNW	. 9	1.2	. 4									2.4	4.7
VARIABLE	• • • • • • • • • • • • • • • • • • • •			• • • • • • • • •	• • • • • • •	• • • • • • •	••••••	• • • • • •	•••••	• • • • • • •	•••••	••••••	
CALM	,,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	//////	,,,,,,,,	,,,,,,,,	,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	6.0	,,,,,,
TOTALS	15.9	43.0	23.1	10.0	2.0							100.7	6.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCUPRENCE OF SUPFACE WIND DIRECTION VEHICL STEEL FROM HOURLY ORSERVATIONS

PERING OF CHICARDS

STATION NUMBER: 250630 STATION NAME: LEVINGRAD USSR

MONTH: FEP HOURS COSTIC 1/00-1476 IDE GREES) t **■1**55 3-4 N N . 7 NNE . 7 2.1 . 7 . 7 4. . . . . 4 2.9 . 1 NF 1.1 ٠. . . 4 e. . 1 ENE 2.1 . 4  $\tilde{\iota} \bullet^{\varepsilon}$ E . 7 3.9 1.4 . 4 ٠.٥ FSE . 4 4.6 1.4 . 7 7.1 6.5 SF 1.1 1.6 ٠., 4.5€ 2.9 1.8 . 1 7 . . 5 4.1 A . 9 ٠., 3 . 2 1.8 £ . A 1.4 1.1 . 1 3.2 1.8 1.4 7.1 4. 5 1.4 1 . A 5.4 1.4 ٠.٥ 5.0 2.5 1.8 . a 2.5 . 4 1 1.1 1.8 1. 9 . 4 я. ч 7.1 HNE 2.1 2.1 . . N = 1.4 2.1 1.4 9 - 1 1.4 . 7 NNW . 7 f . 4 VARIAPLE 1,2 111/11 CALM TOTALS 1000 . . . .

#### PEPCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

PERIOD OF PECORD: 78-97

MONTH: FEB HOURSILSTD: 1500-1700

| WIND SPEED IN KNOTS
| DIRECTION | 1-7 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TCTAL HEAR. 79-37 PERIOD OF PECORD: 1.1 ٠,4 4.7 6.0 NNE 4.0 2.2 1.1 . 7 4 NE 1.6 4.0 ENE 1.0 1 - 1 ٠.٩ F . 7 3 . 3 1.0 . . ESF . 7 . 7 3.3 2.2 1.1 ٠., SE . 7 1.1 1.1 ۹., ۹ ٠... 551 2.5 2.5 . 4 A . . ۹. ۹ 5 2.2 4.3 1.4 6.4 . . 5.5 W 7.9 1.4 . 4 • . 1 7.4 Sw 1.5 1. 8 11.6 1 - 1 5.4 12.3 4.0 3.3 4. A . 4 1 - 1 ٠. ٩ A . A 1.4 1.8 1.4 1.1 ... 4.7 Α., 1.4 1.1 1.4 ~ \* 1.54 1.1 1.8 7.3 ////// 100.0 

INTAL NUMBER OF DOSERVATIONS .

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SEEFU

AIR WEATHER SERVICE/MAC

STATION NUMBER: 260633 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: MONTH: FER HOURS (LST): 1800-2000 WIND SPEED IN KNOTS
DIRECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TCTAL MEAN IDEGREES! | WIND ..... 4.4 ···. 1 . A . 4 6.0 NNE 5 . A 4 . 7 1.8 . 4 4.0 NE 1.1 1.1 6.6 6.4 . 4 ENE 2 • 6 1.5 4 . A . 4 £ 2.9 2.2 . 7 . 7 ESE 2 • 6 2.2 . 7 7 • 1 SE 1.5 1.1 . 7 7.6 SSE 2.2 5 4.0 3.3 7 • 2 5 S W 2 • 6 7.2 SW F . 4 1 . 1 **u** S w . 7 1.5 3.3 ۹., 6.6 4. 2.7 2.6 7.1 3 . 6 2.2 . 7 WNE 1.1 1.1 . 4 ۲, ۴ 6.9 1.5 1.5 1.5 NW A . 3 NNW VARIABLE CALM 5.1 ////// 100.0 TOTALS 40.9 29.9 11.3 1.8 6.6

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD:

78-87

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

MONTH: FER HOURS (LST): 2100-2360 WIND SPEED IN KNOTS 17-21 22-27 28-33 34-40 DIRECTION TETAL 7-10 41-47 GE 56 MEAN IDEGREESI | WIND N .... 2 • 6 5.0 1 - 1 NNE 3.3 1.5 5.1 5.7 NE 5 . A 2.6 5.9 1.1 ENE . 4 2 . 6 . 7 4.7 6.7 1 • P E . 7 c . A 3.3 . 7 6.6 ESE 4.0 1.1 5.8 4.5 . 7 1.5 . 7 SE 2.6 7.4 9.0 4.7 10.2 7.4 SSE . 4 1.1 S 4.4 1.5 . 4 6.6 7.1 . 7 5 S W 1.1 1.8 1.1 4.7 7 . A SW 1 - 1 3.6 1.8 1.1 7.7 6.4 2.9 . 7 2.2 2.6 2.6 7.1 1.5 5.8 7.8 1.1 2.2 . 7 NW • 7 1.1 1.1 3 . 3 A .4 NNE 1.1 5.2 VARIABLE CALM 5.8 ///// 100.0 25.5 6 . 1

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY ORSERVATIONS

AIR WEATHER SERVICE/MAC

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STATION NUMBER: 260630 STATION NAME: LENINGPAD USSR

PERIOD OF RECORD: 78-87 MONTH: FER HOURS (EST): ALL WIND SPEED IN KNOTS -10 11-16 17-21 22-27 28-33 34-40 DIRECTION 7-10 41-47 48-55 GE 6 TCTAL MEAN IDEGREES) | 1.4 . 9 • 1 NNE . 6 3 . 2 1.1 • 2 5.5 NE . 8 2 . 6 1.3 5.0 f . 1 ENE 2.0 1.1 • 3 E 1.0 3.1 1.8 6.5 6.0 ESE . 6 3 . 5 1.2 6.0 1. . 4 . 5 1.1 1.0 . ? SE 2.8 • 2 SSE 3 . 2 2.4 1.0 7.0 7.2 s 1.3 2.7 7. • 2 3.4 . 1 . 7 a . 2 5 S W 2 . 7 1.4 . 6 . 1 SH . 7 3 • 1 1.9 1.0 . 1 7.1 w 5 w 1 • 4 3.4 2 . 4 1.1 . 1 •0 А,4 6.9 5.0 2 . 2 • 3 4.0 2.2 1.1 . 1 6.3 7.2 . 1 1.3 1.2 1.0 1.2 F . 1 NNU . 0 . 5 5.2 TOTALS 1.0 . 2 100.0

GLOBAL CLIMATOLOGY BRANCH

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY ORSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 260630 STATION NAME: LENINGPAD USSR

PERIOD OF RECORD: 78-87

MONTH: MAR HOURS(LST): 0000-0200

WIND SPEED IN KNOTS

7-1D 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TCTAL HEAN DIRECTION IDEGREES! 1 WIND 1.6 • 7 • 7 NNE 1.0 . 3 1.3 7.0 NE 1.0 • 3 1.0 . 3 2.6 6.8 ENE . 7 1.6 1.0 3.3 5.7 E 1.3 • 3 7.6 ٠.1 ESE 2 . 3 7.7 ۰ ۵ 2.0 S E 1 - 3 6.2 €.1 5 S E 3.3 9.2 . 7 ٠,4 1.0 4 . 3 s 6 • 2 2.0 3.6 • 3 17.5 7.2 • 3 3.0 10.2 6.5 1.6 4 . 3 1.3 . 3 SW 1.0 5.3 . 3 3 . 6 €.9 3.0 2.0 1.3 1.3 7.6 6.1 4 . 1 2.6 1.6 1.0 . 3 9.9 6.1 . 3 1.3 1.6 4 .4 . 7 ٠, NW . 3 . 7 7.0 7.τ NNW . 7 CALM R.9 ///// 39 , c 23.0 9. 2 . 7 100.7 5.7

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY ORSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR PERIOD OF PECORD: 78-87
HONTH: HAR HOURS(LST): 0300-0500

1							IN KNOTS						
IRECTION   DEGREES   1	1-3	4 -6	7-10	11-16	17-21	22-21	28-33	34+40	41-47	48+55	GE 56	TCTAL	MEWN
N [	. 1	• 7	• 3							•••••••••••••••••••••••••••••••••••••••		1.6	4 •s
NNE	. 1	2.0	. 7									₹.₹	5.n
NE [		• 3	. 3	. 7								1.3	9.5
E NE	1.0	1.3	. 3									2.6	4.5
٤	1 - 3	3.9	2.0	, 7								7.8	<b>6 ∗</b> 0
FSE :	2 • 0	4 • 2	2.0	• 3								я. 5	€ • €
SE I	1.6	2 • 9	2.9									7.5	5.7
SSE		5 • 2	2 . 3	. 3								7.9	6.5
5	2.0	6.9	2.6	2.6								14.1	6.9
5 S W	. 1	3 . 3	1 • 3	1.0	. 7							6.5	° • 1
sw [	1.6	3 • 3	1.6	1.0								7.5	6.0
wsw	1.6	2 • 6	1.0	1.0	. 7							6.9	7.1
u .	2 • 0	3.9	2.0	1.0								A . P	5.9
	1 • C	1 • 6	. 3									2.9	۲.۹
Nu I		. 7	1.0	. 3	• 3							2 . 3	0.0
NNW I	. ,		• 3									1.0	4.7
VARIABLE			•••••		• • • • • • •	•••••	•••••		• • • • • • • •				
1		,,,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,,,		9.5	,,,,,,,
TOTALS	16 . 3	42 . 8	20.9	8.8	1.6							100.0	5.7

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND CIPECTION VERSUS WIND SFEED FROM HOURLY ORSERVATIONS

STATION NUMBER	R: 260630	STATION	NAME:	L E NI NG RA	O USSR				PERIOD MONTH:	OF PECUP		-87 FT: 0600-	<b>0</b> 5 6 6
		• • • • • • •	•••••	• • • • • • • •			IN KNOTS		••••••		• • • • • • •	• • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
FOE CRIES )		4-6	7-10		17-21	22-27	28-33	34-40	41-47	48-55	SF 56	TCTAL t	ME AT. WENC
N	, 7	• 3	. 3	•••••	• • • • • • •		••••••		• • • • • • • •	••••••		1.7	4 , 5.
NNE	. 3	1.3	1.3									₹.5	1.4
NF	. 7	1 - 6	• 3	. 3								3.0	· 1
ENF	1 - 3	• 3	.7	. 3								2.6	F . C
E	1 3.C 1	3 • 3	2.0	. 3								я.6	4.7
FSE	1 • 3	4 • 6	1.6	1.0								4.6	٠.٥
3.6	1 1.6	3 • 3	3.3	• 3								÷ • 6	6.2
4.21	1.0	4 • 6	1.3	. 3								1.7	5.6
5	1 . 7	5.9	4 • 3	2 • U								12.4	7.7
5 S ¥	1 1 · 1	1.6	2.3	1.3	. 7							7.2	e <b>.</b> ų
S <b>w</b>	, 7 }	2.3	2.3	. 3								5.6	₩.*a
w S w	1 2.C	1.3	1.6	1.3								6+2	7.4
•	1 - 6	4.6	1.6	1. 3								9.2	6 - 1
WNW	l 2,5	2.6	1 - C									£.6	4.4
Nu	( 1	• *	• 3	. 3								1.7	9.3
NNW	1 I	• 7										. 7	4.0
VARIABLE	·	• • • • • • •	•••••	• • • • • • •	• • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •		• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	
CALM	  ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,,	1111111	,,,,,,,,,	,,,,,,,,,	,,,,,,	///////	,,,,,,,,	,,,,,,,,	9.9	/////
TO 1 & L <	1P-1	38.8	24.3	9.2	. 7							100.3	ς, <u>,</u> α

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY GRSERVATIONS

STATION NUMBER: 260637 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: MONTH: WAR HOURS (LST): 0900-1100 NIND SPEED IN KNOTS DIRECTION | 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TETAL MEAN (DEGREES) I HING ...... . 7 ... NNE • 3 • 7 • 7 1.7 NΕ 1.0 1 . 7 1.7 • 3 4.7 6.1 ENE • 3 • 3 1.4 7.1 7.7 E 3.1 7.7 1.0 • 3 ESE 2.4 а.4 ٠.٠ 1.0 4.5 • 3 SE • 3 5 . 2 1.7 1.0 9.4 , . P 5 S E 4.5 1 • 4 • • • 1.0 4.5 11.5 2 . 8 1.0 7.3 7.4 . 3 3 - 1 e . r 5 S to 3.8 1.0 я,4 2.1 . 3 1.0 Sw 1.4 2.1 1.0 7.0 7.1 2 . 4 2.1 1.7 R. 7 WSW 2 . 1 2.8 6.6 3.1 2.1 4 . 7 3 . 5 9.7 -1.0 3.1 . 7 . 3 5.2 5.5 NW • 3 1.0 . 3 2 - 1 7.3 NNW 4.0 VARIABLE CALM 5.2 ////// TOTALS 100.0 

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WING GIFECTION VERSUS WIND SFEED USAFETAC FROM POURLY OPSTRUATION\*

PERIOD OF HECORD: 78-87 MONTH: MAK HOURS (LST): 1200-1400 STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

	. <b></b>		•••••	• • • • • • • •			IN KNOTS			• • • • • • •			•••••
DIRECTION ( IDEGREES)		4 -6	7-10			-	2 <b>9-</b> 33	3 u - u C	41-47	4 A - 5 5	GE '6	T C T A L	MEAN WINE
N	!	. 3	.7	• • • • • • • •	• • • • • •				• • • • • • • •	• • • • • • • •		1.0	7.3
NNE		1.6	. 7									2. 5	5.1
NE		1.6	1.3	1. 0								7.4	۹.۵
ENE	. 7	2 • 0	. 7										٠.`
E	. 7	4.6	1.0	. 3								6.5	· . k
ESE		2 • 3	2 • 6									4.4	7.1
SE	. 3	3.9	1.6	1.0	. 3							7.2	*.*
SSE	1.0	5 - 3	3.6	1.0								17. *	
s	. ,	4.5	5.9	1.6	. 7							12+4	6.1
SSW	1.3	3.0	3.0	2.6									* <b>.</b> u
SW	1+3	3.3	1.3	2.0								٠.،	*, 1
W 5 W	1.6	4 • 6	2 • 3	1.0								, · ·	4.3
u	2.g	3.9	1.3	1. 3								9.6	F . ?
WNW	. 3	1.6	1.3		. 7							t.9	a . 7
Nw	. 3	2 • 3	1.6									4.1	F.2
NNW	† 1	• 7	1.0									1.6	1.7
VARIABLE	· • • • • • • • • • •	• • • • • •	•••••	• • • • • • • •	• • • • • • •	• • • • • • •		• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •		
		(11/1/1	,,,,,,,,,	11111111	1111111	,,,,,,,	,,,,,,,,,	////////	/////////	,,,,,,,,	,,,,,,,	1. *	111111
TOTALS	1 9.9	45.4	29.9	11.8	1.5							100.0	7.0
10145	, , , , , , , , , , , , , , , , , , ,		2747			<b>.</b>							
	· · · · · · · · · · · · · · · · · · ·			• • • • • • • • • • • • • • • • • •									

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

PER10D OF RECORD: 78-87

.7 //////

100.0

AIR WEATHER SERVICE/MAC

STATION NUMBER: 26063C STATION NAME: LENINGRAD USSR

HONTH: MAR HOURS (LST): 1500-1700 WIND SPEED IN KNOTS 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TCTAL 11-16 MEAN IDF GREES! ! MIND NNE 2.0 1.0 7.6 NE 2.3 4.6 7.7 ENE 2 . 6 3.2 4 . R 3 • 0 2.0 . 7 6.2 6.5 F 5 E 5.3 3.0 . 7 ۹.9 6.8 SE 3 . 3 3.0 . 3 6.6 7.1 SSE 3.9 4.3 1.0 9.5 7.4 S 2. 3 2 . 3 5.6 . 5 10.5 9.5 554 3.0 8.2 2.3 1.6 1.0 9.5 Sw . 7 . 3 . 7 9.2 w 5 w 5 . 3 2.0 1.0 . 7 7.9 7.0 1.6 • 3 . 7 R . 6 HNW 1 • C . 3 5.6 1.0 2.0 1.0 3.7 ۴.3 9.0 . 3 VARIABLE

TOTAL NUMBER OF ORSERVATIONS: 304

CALM

TOTALS

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY ORSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PER10D OF RECORD: 78-87 MONTH: MAR HOURS(LST): 1400-2000

10567769		4-6	7-10	1 1- 16	17-21	27-27	IN KNOTS 28-33	> 34-40	41-47	48-55	GE 56	TATOT	MEAN
RECTION   Degr <sub>ee</sub> s)	1 - 3	4-6	7-10	11-16	17-21	22-21	28-33	34-40	41741	46-33	GC 36	*	DNIM
N j		1.7	. 7	••••	• • • • • • •			• • • • • • • •			•••••	2.6	5.5
NNE !	• 3	2 • 0	1.0	. 7	• 3							4.3	7.5
NE !	• 3	3.0	. 7	. 7								4.6	6.4
ENE !		1.0	2.0									3.C	6.3
E	1.0	4 • 6	1 - 3	• 3								7 • 3	5.9
ESE !		3 • 0	2.6	1.0								6.6	7.7
SE	. 7	4 • 0	1.3									5.9	5.3
SSE		5.0	3.0	1.3								9.2	7.2
s	• 3	4 • 3	4.3	3.0	• 3							12.2	8.6
SSW	. 7	2 • 3	3.3	• 7		• 3						7.3	7.6
SM !	2.0	2.3	. 7	1.0	. 3							6.3	6.3
usu !	2.0	2.3	1 • 3	2.0								7 • 6	7.2
w !	3 • O	4 . 3	1.3	1.0								9.6	c • 4
MNR	. 7	1.7	1.3									3 • 6	5.5
NW I	1.3	2.0	1.7	. 7								5.6	6.5
NNW	. 7	. 7	1.0	• 3								2 • 6	6.5
ARTABLE	• • • • • • • • • • • • • • • • • • • •	•••••		•••••	• • • • • • •	•••••	•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••	•••••
TALM .	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	///////	,,,,,,,,	11111111	,,,,,,,	1111111	///////	///////	///////	///////	11111111	1.7	//////
OTALS !	13.2	43.9	27.4	12.5	1.0	.3						100.0	6.7

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

									HONTH:		HOURS ILS		
		• • • • • • •	•••••	•••••			IN KNOTS						
DIRECTION   OUEGREEST	1-3	4 -6	7-10				28+33		41-47		GE 56	1 ር ፣ ል ር \$	ME A N W I N D
N	, 7	. 3	1.7	. 7			••••••	•••••	* * * * * * * * *	••••••	• • • • • • •	3.0	7.6
NNE I	• 3	1 - 3	. 3									2.0	5.0
NE I	1.0	. 7	2.0									3.6	5.8
ENE !	1 • 3	1 • 7	. 7	. 3								4.3	5.2
Ε	. 7	4 • 5	1.0	. 7								7.0	6.0
ESE		5 • C	1.0	. 7								6.5	6.1
SE I		2 • 6	2 • 6	. 3								5.5	7.4
S S E	. 7	7 • D	4.6	1.0								13.2	6.7
s I	1.0	4 • 3	3.0	1. 7	. 3							10.3	7.9
SSW 1	• 7	2 • 6	4.0	1.0								8.3	7.9
SW	1 • 3	2 • 6		. 7								4.6	5.4
wsw I	2 • 3	3.6	1.0	1.0	. 3							A . T	6.2
w	2 • 3	3 • 6	1.0	. 7		• 3						7.9	ć * k
WNW	1.0	2 • 0	• 3	• 3								3 • 6	4.7
NW !	1.0	2.0										1.0	τ.α
NNW I	• 3	1.0	• 7									2.1	5.7
VARIABLE	• • • • • • • • •	•••••	•••••	• • • • • • • •			** * * * * * * *	• • • • • • •	•••••	• • • • • • •		• • • • • • • • • • • • • • • • • • • •	
CALM .	,,,,,,,,,,	,,,,,,,	,,,,,,,	11111111	11/1///	11/1/1/	,,,,,,,	//////	11111111	,,,,,,,	,,,,,,,	7.3	111111
TOTALS !	14.6	45 • 0	23.5	8.9	.7	. 3						100.0	6.0

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SELECTION OF SERVATIONS

ARR WEATHER SERVICE/MAC

#IND SPEED IN KNOTS

DIRECTION | 1-3 4-6 7-10 11-16 17-21 27-7 20 7-7

DIRECTION OF GREES )		4 -6	7-10	11-16	17-21	•	28-33	34-4C	41-47	48-15	66 56	T ( T A L B	MING WING
N	5	. 7	<b>.</b> я	. 1				• • • • • • • •	•••••			2.7	۲. ۵
NNE		1.5	.6	• 2	•0							2.6	6 . T
NE	, 5 1	1.4	1.1	. 5								1.6	£ .6
ENE	. 7	1 • 4	. 8	- 1								٠.:	· • 7
Ε	1.6	4.0	1.4	. 4								7,1	e . u
ESE	.9	4.0	2 • 2	. 5								7.5	* . *
SE	, , , ,	3 - 4	2.4	. 4	.0							· · ·	• • •
sse	.6	5.0	3.4	. 9								).a	• • •
S	. 6	4 • 7	4.0	2.0	• ?							11.6	# • T
SSW	. 9 I	2 • 7	2.9	1.3	. 3	•0						P.2	7.9
S W	1.2	3 • 3	1.1	. 9	. 1							6.7	F.6
WSW	1.9	3 • 1	1.6	1.3	• ?							A . 1	6.7
<b>#</b>	2.7 	4 • 1	1.6	• A	. 1	•1						۹,٦	5, 0
WNW	!	2.0	. 7	. 1	. 1							t.a	۲.۲
NW	.5	1 • 1	1.0	. 4	• 0							₹.1	7.1
NNW	<b>,</b> ,	• 5	. 4	• 1	• ?							1.4	r • 0
yARIAR(f	•		•••••	• • • • • • •		• • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • •		• • • • • • • •		
CALM	 	,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,			. / / / / / / /		,,,,,,,,	ς	111111
TOTALS	14.1	43.0	26.1	16.1	1.3	.1						100.0	6.1
	1								• • • • • • • •			• • • • • • • • • • • • • • • • • • • •	

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND LIBECTION VERSUS WING STEEL FROM MODRLY ORSERVATIONS.

PERIOD OF RECORD:

MONTH: APP HOURS (LST1: UMGD-DZEC

100.0

4.0

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

| WIND SPEED IN KNOTS
DIRECTION | 1-3 4-6 7-10 11-16 17-21 27-27 28-53 34-40 41-47 48-55 GE 56 TCTAL MEAN IDE GREEST 1 1 **\*1**5! 3 • " NNF 2.7 . 1 . 1 4.1 ٠, ۽ NŁ : . 1 ٠. ENE 4 . 1 1.7 . 1 . . . 9.1 E 1.4 4 . 4 . 7 . 3 A . A ESE 3.4 . 3 1.4 . 1 4.4 ۰, r SE . ! 1.4 . 1 . . 1 4. 551 1.7 τ, ε 1.7 P. 9 ٠. ٦ 5 . 1 2.7 1.4 1.0 ٠.۵ 1.5 55# . : 2.1 ٠.4 SW 2.7 1 • 7 ٠.٠ 2.1 3,4 1.0 1. 4 ,,, 6.0 1.7 12.3 ι, μ -1.7 2.1 ٠, 5.1 4.0 NW 1.^ . 7 7.7 ٠, NNW 4.1 f. . 1 VARIABLE CALM 12.0 /////

TOTAL NUMBER OF OBSERVATIONS . 29.

TOTALS

PEDCENTAGE FREQUENCY OF OUTURRENCE OF SURFACE WIND LIMITATION VERSUS WIND SFIFL FROM HOURLY ORSERVATIONS.

TATION NUMBER	R: 260630	STATEON	NAME:	LENINGPA					PERLOD MATER	ଖାଠ3ଟ ୩୬ ଜମ≰		-#1 11: 0:30-	05LE
DIRECTION (	[   [-3		7-1C	1 1- 16	w I	NO SPEED	IN KNO15	,	41-47	4×-55	ur 56	10 TAL	*•
(DEGREES)					•			,, ,,	••	,	00	1	<b>-1</b> №6
N	. 1	1 . ?	1.0	• • • • • • • •	• • • • • • •				•••••	• • • • • • • • •		7.1	4.0
NNE	1.4	4 . 5	. 3	. 1								n • B	<b>c.</b> • r₁
NF	• •	1 . 7	. 7									2.7	s
ENE	.,	3 . A	1 • 0									5.5	2.1
ŧ	2 • 1	3 . 4	1.0									6.5	4.7
f SE	1.,	4 - 1	. 1	. *								4.5	4.4
37		• 7	. •									1.4	1.0
5.5.6		5 • 1	. 3									٠, ٢	r. • 1
s	.,	? • 4	1.7	. 7								( 5	h.6
<.s₩	1.0	2 • 4	1.4									ų <b>,</b> a	E . 7
SW	1.0	2.1	. 7									1.0	4.1
ly S tr	1.4	4 , 5	1.0	1.4								9 . 2	€ • 1
•	4. "	7 • 9	2.7	1.0								16.1	د . ب
UNU !	. 7	7.4										₹.4	t .?
N to 1	1.0	1.4	1.0	. 7								4.1	f.1
NNW I	. 7	i • 1	1.0									1.4	٠.٨
۱ . <b></b> .	•						• • • • • • • • •		• • • • • • • •				
VARIABLE I													
CALM 1	///////////	(1/1/1//	,,,,,,,,	/////////	,,,,,,	,,,,,,,,	/////////	///////	/////////	(///////	1111111	11.7	111111
TOTALS	17 . R	51 • "	15.1	4. F								100.n	4.8

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFFEE FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87

MONTH: APR HOURSTLSTF: 0600-0820

									HCMTH:	дрн	HOURSILS	11: 0600-	08.00
	• • • • • • • • • • • • • • • • • • •		•••••	••••			IN KNOTS				• • • • • • • •	•••••	•••••
DIRECTION (OF GREES)		4 -6	7-10	1 1- 16		•	28+33	34-40	41-47	<b>4</b>	6F 56	T(TAL	MEMNO
N	. 3	1.7	2.1	. 7	• • • • • • •						• • • • • • • •	4.9	7.3
NNE	. 7	2 • я	2.4									5.9	F.1
NE	. 7	1.0	1.0	. 3								5.1	<sup>7</sup> • 1
ENE	. 7	1.4	1 • 4									3.5	٠.6
£	1 • 7	4.9	. 3	. 3								7.1	4,5
ESE	1.4	3.8	1.4	. 3								7.3	5, 4
SE		1.0										1.4	3.4
55E	. 7	2 . R	1.4									4.9	S . 7
S	. 1	3 . 1	2.1	1. 0								6.6	6 . R
SSW	.,	• 7	1 • 4	. 7	. 3							3.5	A . 7
SW	• 5	2.1	. 7									3.1	5.6
WSW	1.4	1.4	2.1	. 3								5 • 2	€ • 9
<b>b</b>	5.2	7 • 0	5.7									17.5	5 • 1
<b>u</b> N u	1.4	3 . A			. 3							5.6	4 . 9
NW	1.7	2.1	. 7	. 7								5 . <i>2</i>	è • 9
NNW	1.0	1.7	. 3									3.1	4.3
VARIABLE			•••••				•••••		• • • • • • • •			• • • • • • • • •	
	i 	////////	.,,,,,,,	111111111	1111111	,,,,,,,,	,,,,,,,,,	1111111		1111111	,,,,,,,,,	11.9	111111
TOTALS	18.5	41.6	22.7	4.5	. 7							100.0	5.0
												••••••	

GLOBAL CLIMATOLOGY BRANCH USAFETAC

## PERCENTAGE FREQUENCY OF OCCURRENCE OF SUPFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR PERIOD OF RECORD: MONTE: APR -- FOURS(LST1: 0900-1100 WIND SPEED IN KNOTS DIRECTION 1 7-10 34-40 41-47 48-55 GE 56 TCTAL MEAN 1-3 4 -6 11-16 17-21 22-27 28-33 WIND 5.6 1.1 2.5 4 . 6 . 7 NNE 1.8 1.1 6. 3 2 • 8 7.1 NE . 7 1.4 . 7 1.1 3.9 7.5 ENE . 4 1.4 1.1 2.8 6.0 E . 7 . 7 7.0 5.5 1 . 1 4 • 6 4.9 2.1 ESE . 7 . 4 8.1 ۹.۶ SE 1.4 . 4 1.8 5.6 SSE . 4 3.9 4.1 6.3 4.7 S . 7 2 • 5 1.8 2.1 7.0 A . 3 5 S W . 7 1.1 6.0 SW 1 . 4 3.2 1.1 5.6 5 . 3 . 7 1 . A 1.8 4 . 2 8.4 6.3 6.0 . 4 3.2 1.8 11.9 7.6 . 7 2.5 . 4 3.5 7.0 7.0 NW 3.5 1.8 . 4 5.6 6.8 NNW 1.8 6.6 CALM 4.6 ///// . 7 100.0 6.3

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

PER100 OF RECORD: 78-87

MONTH: APR HOURS(LST): 1200-1406

10.1

4.1

••0

8.2

10-1

6.2

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

WIND SPEED IN KNOTS -10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TCTAL MEAN DIRECTION 7-10 IDEGREES! ! WIND 3 • C 8.0 NNE 3.4 1.7 7.9 8 .2 2 • 4 • 3 NE 2.4 1.0 1.0 . 3 4.7 2 8 . 3 . 3 ENE 3.4 • 3 1.4 . 7 6.9 6.5 £ 1.4 3.4 1.4 7 . R ESE 6 • 1 . 3 6.0 1.7 SE 1.4 . 3 6.0 9 . 3 5 5 E . 3 1.4 2.7 1.0 5.4 5 1.7 5.7 9.0 1.0 2.4 • 3 • 3 554 . 7 1.4 1.4 1.4 • 3 5.1 я.6 S 1.0 3 • D 1.0 1.0 6.1 6.4 ₩ S ₩ 1.4 3.0 1.0 • 3 11.1 6.6

TOTAL NUMBER OF OBSERVATIONS: 296

NNW

1.0

. 1

4 . 1

1.0

. 7

2.0

2.0

1.7

3 . 7

1.0

2. 7

1 . C

1.0

• 3

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF PECORD:

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

#IND SPEED IN KNOTS

DIRECTION | 1-3 4-6 7-10 11-16 17-21 27-57 34-27 7-17 IDEGR EST 1 WIND 6.7 1.0 4 . 4 ٩٠,٥ NNE 3 . 7 1.0 2.0 . 3 7.1 1.4 7.4 NE 1 . 7 • 3 6.2 3 . 4 1.0 5.4 6.4 ENE • 3 . 7 2.0 ŧ 1.0 1.0 . 7 4.7 7 . C 5.7 ٠,۶ FSE . 7 3 • 7 . 7 • 7 SE • 3 1.4 2.0 . 7 4.4 7.4 5 5 E 1 . 7 2.0 1.4 • 3 2 . g S . 3 3.0 1.0 • 3 4.7 0.0 2 . 4 . 7 1.4 4.7 7.7 • 3 3.0 • 3 . 3 ۶., 6.1 **w** 5 w 4.1 3.0 1.0 . 3 F . 3 4.1 3.4 1.7 9.6 F. 1 • 3 UNU 2.0 1.4 . 7 4.1 9.0 2.7 4.4 1.7 NW . 7 8.9 NNE 3.0 1.0 . 7 9.5 VARIABLE CALM 1.4 ///// TOTALS 3.4 100.0 7.9 16.2

## PERCENTAGE FREGUENCY OF OLCURRINGE OF SHAFACE WIND GERECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER	: 260630	STATION	NAME:	LENING HA	D USSR				PERIOT MONTH:	CF RFC IR APR		-07  }: 1655-	257 L
I NOITSAIO	1-3				<u>.</u> 1 €	NO SPEED	IN KNOT	3					• • • • • • • • • • • • • •
(DEGREES) (		4 - 6,	7-1C			27-27	28- 3 t	34-40	41-47	46.	⊕ŧ cs	1 ( 1 h ). 2	ME AN MING
· · · · · · · · · · · · · · · · · · ·		2.4	1.7	. 1		• • • • • • •	•••••		• • • • • • • •		• • • • • • •		· · · · · · · · · · · · · · · · · · ·
NNE	1.0	4.5	2.4	č. 1								1 ~ . ^	7.4
NE I	. 7	4 • F	1.4	1.0								٠. ٠	· . ·
FNE I		3.5	1.0	• 7								٠.2	1
E.	1.0	3 - 1	2.1	. 7								N. 4	5.5
FSE	1.0	3 • A	. 3	• •									
SE		• 3	1.7									7.1	
SSF		1 • C	1.4	. 1	. 3							1,6	٠.,
s i	. 3	1 • 7	3 • 5	1.0	• 3							1.9	A _ G
55W		1 • C	2.4	٠,٠	. 3							4.2	٠ 1
SW		4 €	. 3	. 3								+.2	٠,٠
wsw	1 - 4	3 • ₽	1.4	1.4	• 7							F.7	7 . 1
į		4 • 2	3 • 8	. 7	• 7	. 3						9,7	A . r
WNG		2 • 9	2.1	1. 7	. 7							7.6	R . 7
Nu i		1.0	3.1	1.7	. *							6.2	10.4
NNW I		1.0	2.4									ŧ., s,	7 <b>,</b> A
VARIABLE	• • • • • • • • • • • • • • • • • • • •	• • • • • • •		••••	• • • • • • •	•••••	• • • • • • •	• • • • • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • • • • •	
(AL#	,,,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	///////	(111111)	1111111	///////	11111111	,,,,,,,	. ,	111111
TOTALS	6.2	44 . 6	31.1	13.5	3.5	. 3						100.0	7 +6
	• • • • • • • •					• • • • • • •				. <b></b>			

PERCENTAGE FREQUENCY OF OCCURRENCE OF SUBFACE WIND DIRECTION VERSUS WING STREET

STATION NUMBER: 260630 STATION NAME; LENINGRAD USSR

PERION OF RECIDENCE 18-81 MONTH: APP - HOURS (LSTL): (100-2300)

					uI۸	D SPEED	IN KNOT						
CIPECTION T	1 - 3	4-6	7 - 1 C		17-21			\$4-0C	41-47	4 F = 1 S		T ( T A ) Z	₩6 & N # 1 * C
N į		3.5	2 + 7	. 3		••••••	• • • • • • • •	• • • • • • •			•••••	6,8	· · · ·
NNF 1	1 • 4	7.4	1.4	1.0								7.1	• • 1
No.	. ,	7.0	1.4	. 7								4,4	٠. ۵
ENE !	1 • 4	3 • €	1.4									5.7	4.9
i !	3. ^	9.5	1.0									17.6	4.1
F 24	1 · a	1.0	. 3	. 1								/ · ·	5.1
5.5		1.0	. 3									1 - 4	4. * **
* 5.5		2.4	1.0	. 1								4.1	7.7
	1 · P	5 . 4	3 • C	• 3	. 1							#.1	F .F
556	, t	1 . 7	. 3									2.7	4. • C
	. 1	. 7	1 . €	1.0								7.4	7.4
: - #5#	1.7	3.7	. 7		٠,							<b>u</b>	٠,:
. !	3.4	5 • 1	2.4	۱. ۲								11.8	r . F.
W.W.	1.7	٠. (١	1.4	, t								R.4	4.5
N	1.0	, , ,	. 1		. 3							4.4	٠ , ١
NNW .	. ,	1.1	٠,٠	. 7								2.1	F * #
VARIA417	• • • • • • • • • • • • • • • • • • • •			• • • • • • • •	. <b></b> .			• • • • • • •					
CALM	,,,,,,,,,	(11/1/1	,,,,,,,,	//////	11/////	///////	////////	1111111	,,,,,,,	////////	////////	7.7	111111
TOTALS	26.6	44.1	18.9	7. 1	1.0							100.0	r , u

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIPFCTION VERSUS WIND SFEFD FROM HOURLY ORSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF PECOPD: HONTH: APR HOUPS (LST): ALL

| HIND SPEED IN KNOTS
| DIRECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-46 41-47 48-55 GE 56 TCTAL MEAN
| ODEGREES! | N 6.2 3.0 • 0 . 8 3 . 3 1.6 1.1 • 0 6. 3 5.3 NE . 4 1.9 1.2 - ... . 6 • 0 4 - 1 ENE . 1 3.9 . 0 . 3 4.9 4.6 1.6 ε 4 . 3 1.1 ٠, 7.4 ESE . 9 . 5 1.0 4 - 1 . . . · · · SE . 2 1.1 .6 . 1 2.0 • 4 SSE . 4 3.0 1.6 . 1 5 . 5 7.3 2.4 1.1 7.8 SSW . 4 1.6 1.1 • 1 ₹.8 1.7 . 9 • 0 2 · A • 3 4.9 6.0 1.4 1.0 3 • R 1.6 • 2 A . 1 6.5 3 • C 1. 2 •0 2.2 5 • 6 • 3 12.4 6.5 WNW 1.1 2 . 7 1.7 • 6 . 1 5.7 6.3 Nw . 4 . 6 1.4 2.0 . 3 5.5 7 . R NNW . 6 . 4 1.6 1.1 . 1 3.8 6.9 6.7 ///// TOTALS 13.3 23.3 10.1 1.5 • 0 100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SELF.

projet of effort: 75-47

AIR WEATHER SERVICE/MAC

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

| WIND SPEED IN KNOTS
DIRECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 MONTH: MAY FOURSHITTE GOSO-C. (L. (DEGREES) | N 1 NNE 2.0 1.3 1.3 1.0 1 . F • • NE 3 • C 1.3 • 3 ٠. ٠., 2 . 3 ENE 1.7 2 . 1 1.3 . 7 . 3 ٠,٠ £ 17.1 6.6 4 . 7 ESE 5.0 • 3 . 3 ٠., . 1 1.0 SE 1.0 4.9 1. 1 2 . 7 1.0 . 3 SSE 3 . 7 ٠. . . 1.0 5 1.0 1.0 . . . ٠.٠ . 3 5 S W . 3 2.0 . 3 . 7 . . . . . SW 1.3 . 3 . 3 ٠. ٠., 1.0 **W S W** :.c 1.7 s . t 3.3 1 . 3 1.€ 3.0 6 • 6 47.0 1.3 . 7 1.1 1.3 1. MNW ٠ ٠ VARIABLE CALM 1 ." ///// . 7 TOTALS 44 . 9 12.3 5.6 1: 1. 4.4

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

RESULCARDAINSS : SHAW NOTTATE | 0.600 S : REMUN NOTTATE PERIOU OF PECORD: 78-87 MONTH: MAY HOURS (LST): 0300-0500 WIND SPEED IN KNOTS DIPECTION 7-10 17-21 22-27 28-33 34-40 11-16 GE 56 TITAL MEAN 101695121 1 HING ..... 3.8 NNF . . 2.0 1.7 • 7 7.6 6.0 NE 2 . 3 1.3 1.0 4.6 4 - 1 2.7 1.0 1.0 . 3 4.6 5.1 £ 5.6 4. 3 1.3 13.2 4.0 ESF 1.5 5 - 6 . 7 7.3 5.0 ۲, ۶ 2.6 . 1 \* • 0 5 . F 551 • 1 3.0 . 7 • 3 4.6 5 . 1 ٠, ٦., 4. ^ 7., 5.5 🖬 1. \* 1 . C 6.5 Sw 2 . 3 ٠.0 4.9 7.0 4.5 . ? 1.3 4.5 ٠. : 6.0 1.7 1.0 5.8 1 - -٠, ١ . 3 . 3 5.0 5 - 1 . . . 7 1.3 3.5 i • ' N. 44 to 1.7 . ' 3.2 4.2 VANIABLE 13.6 ////// 100.0 4 . 4

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED.

SAFETAG
AIR WEATHER SERVICE/MAC

ATION NUMBER	: 260630	STATION	NAME:						MONTH:		HOURS ILS	r): 0600-	
	• • • • • • • • •	•••••	•••••	•••••			IN KNOTS		•••••	• • • • • • •	•••••		• • • • • • • •
DIRECTION   (DEGREES)	1-3	4-6	7-10		17-21	22-27	28-33	34-40		49-55	GF 56	T ( TAL	ME AN W1N(
N 1	7	3.0	2.3	••••	• • • • • • •	• • • • • • •	• • • • • • • • • • •		•••••	• • • • • • • •	• • • • • • •	6.3	6,9
i	-	_											
NNE 1	3.0	4.0	1.0	• 3								я. т	4 . <sup>e,</sup>
NE I	• 3	• 3	• 7	. 7	. 3							2.3	9.6
ENE Í	1.7	1.7	1.0	. 7								5.2	د , د
E I	-		1.3									12.3	4.5
1	3, 3	7 • 7	1.03										
E SE	5 • 0	5 • 0	• 3									7. *	4 • 1
SE I	• 3	1.0	1.0									2 . 3	۴.۳
55E	1.7	1.7	• 7	• 3								4.3	4 . R
1	•••											4.0	9.0
s		2.0	1.0	1.0									
:5.5 W	. 7	1.0	2.0	• 3								4.7	7.0
Sw 1	. 7	1.7	. 7									3 • 0	5 +1
usu 1	1.7	3.0	• 3	. 3								5.1	4.5
!	-			• 7	• 3							12.7	5.6
₩ f	2.0	7 • 7	2 • C	• (									
NNH 1	. 7	2 • 3	1.3		• 3							4.7	6.7
NW I	. 3	1.3	.7									2.3	5.1
NNU 1	1 • 3	1.0		. 3								2.7	4 . R
VARIABLE [	•		•••••	••••	• • • • • •	• • • • • • •	• • • • • • • • •	• • • • • •	••••••	• • • • • • •	••••••		
CALM !	,,,,,,,,,	,,,,,,,	11111111	11111111	//////	(/////	,,,,,,,,,,	,,,,,,	17111111	///////	,,,,,,,,	13.3	//////
TOTALS 1	20.3	44.3	16.3	4.7	1.0							100.0	4.6

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PEDIOD OF DECURD: 78-87
MONTH: MAY HOURS(LSTI: 0900-1100

i							IN KNOTS						
IRECTION   DEGREES)	1 - 3	4 -6	7-10	1 1- 16	17-21	27-27	28-33	34-40	41-47	40-65	61 56	T (   A   3	ME A N H 1 N C
N !	1.0	4 • 6	2.0	••••	• • • • • • •	•••••			******	* • • • • • • •		7,5	5.7
NNE	• 3	5 • 5	1.6	. 7								u . 1	4 +1
NE .	1 • C	1.0	2.0	1.0	. 3							5.0	F
ENE !	1 • 0	2.0	1.0	٠,								4.2	5.7
E İ	2.6	4.9	1.6	. 7								α, μ	1.1
ESE	1.7	4.9	1.6	. 1								٠,٠	
SE I	• 3	3 • 6	1.3	. 7								c., ;	F . a
SSE	• 3	2 • 6	1.3	. 3								u "A	٠.٠
s i	. 3	1 • 6	. 7	1.0								* , *.	7.4
SSW	• 3	1.6	2.0	1.6								۲, ۰	e . '
SW I	1 • 6	3 • 6	• 7	• 3								6.2	4 . c
พรษ ไ	1.0	3.9	1.6	. 3	. 3							1.2	
	1 • 6	3 • 6	2 • 0	1 • 6								А.А	7
WNW	. 7	2.0	1.6	1.0								5.2	7.4
NW (	. 3	• 7	1.0	. 7								2.6	1.5
NNW I	. 3	1.6	1.0									2.9	6.2
VARIABLE	·	• • • • • •	• • • • • • • •	•••••		••••••	•••••••		• • • • • • • • • • • • • • • • • • • •	• • • • • • • •			
CALM	////////	1111111	,,,,,,,,	/////////	111111	,,,,,,,,	,,,,,,,,	//////	1111111	//////	,,,,,,,,	4.2	111111
TOTALS	14 . 0	47 - 6	22.8	10.7	. 7							100.0	6.7

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCUPRENCE OF SURFACE WINL CIRCLIAN VERSUS WING SCIEC USAFETAC FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR PROJECT (F RECURD): 7F-R7
MONTH: MAY HOURS(ESTI: 1700-141)

WIND SPEED IN KNOTS

DIRECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GF 51 ICTA, MEAN, IDFGREES! ! 1 w 1 % ( .....N 1.3 1.0 2.6 1.3 + . ? NNE 1. 7 . 1 4 . 3 2.3 Α, 1 ` • 1 . 7 NE . 7 1.6 . 3 . . ENE . 7 . 7 3 • ₽ 1.3 1.0 ٠.4 Ł . 7 3.0 • 3 . 7 4.0 FSE . 7 1.0 1.3 3 • 6 ٠., ٠., SE 2.0 . 7 4. ٠.٠ SSE 1.0 2 . 3 . 7 t. i u , 7 5 2.3 1.6 2.6 9 - 1 3.0 1.6 1.0 . 3 6.0 4 . 1 . 7 2.6 1.3 \* . 1 . 7 1.7 6.5 2.6 ٠,٦ 11.7 , , , 3.7 3.0 . 3 ٠, ١ 1.6 а. 9 ۰. ۵ WNW 1.0 . 1 2.3 . 5 . 3 Ne 2.3 1.6 1.3 . 3 9.4 NAME VAPIABLE CALM TOTALS 100.0 ......

AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: MONTH: MAY HOURS (LST): 1509-1700 WIND SPEED IN KNOTS

DIRECTION 1 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 46-55 GE 56 TOTAL MEAN WIND LOEGPEES) | 6.2 8.0 ? .n NNF . 3 4 . 7 2.0 1.0 9. ~ Q . 7 NE 2.3 2.0 1.0 ENF 1.7 1.7 9.4 2 . 1 . 7 . 7 1.3 . 7 7.1 ESE 3 • 7 ۶.۲ 1. 1 SE 1 . 7 . 5 1. 7 1.7 1.0 4.5 < 5 F 1, 5 ۹.9 5 1.0 2.0 1.3 ٩. ۽ 2.1 A . 1 1.0 1.7 5 S W . 1 . 7 1.7 P . n SW 1 . 7 . 1 6.7 5.7 1.7 . 7 6.7 A . 7 ε, . τ 4.7 2.1 . 3 . 7 . 3 6.9 1.7 1.3 . 7 1.0 1.0 7.7 . 7 8.7 10.0 A . 7 CALM 1.1 ////// 100.7 R . T 

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEFT FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

2.1 NNE . 7 4.0 2.0 . 7 ) **.** t . . . NE 4.0 3.0 3.0 . 7 9.1 . 7 1.7 2 • 6 3.0 ENE 7. ~ ٠.^ . 7 E 1.7 4 . 3 • 3 ٠. ١ . . . ESE 3.0 . 7 . 3 ٠. ١ ٠.4 sŧ 1 . 7 1.0 . 7 < S F 1.3 . 7 F . A 7 . t ٥. ١ 5 3.0 1.7 5 S 🗷 2.3 . 7 4. 1 ٠., . 7 7.1 3 • 6 2.3 1. 3 1. . 7 . 1 ۶.٦ 4.3 . 1 2.1 2.3 ٠, 9.4 *μ* . 4 2.6 LNU 1.0 3.3 7.3 NH 1.0 3.3 2.6 10. ۰.0 NNE 3.0 1. 3 . 3 2.0 100.3 7.6 TOTALS 47.8 17.5 1.7 1.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR PERIOD OF RECORD: 79-87 MONTH: MAY HOURSILSTI: 2100-2300

		• • • • • • •	•••••	• • • • • • • •		n spffn	IN KNOTS	• • • • • • •	•••••	•••••	• • • • • • • •	• • • • • • • • • •	•••••
OTHECTION		4 -6	7-10		17-21	22-27	28-33	34-40	41-47	48-55	GE 56	T ( T A L T	ME AN W1ND
N	. 7	2.0	1.0	•••••	• • • • • • •		• • • • • • • • •	• • • • • •	•••••	• • • • • • • •	• • • • • • •	3.6	5.3
NNE	1.3	5 • 6	2.3	• 3	• 3							Ф.Я	5.4
NE	1.3	6 • 5	1.3	• 3	• 3							9.8	5.6
ENE	2.0	4 • 6	2.3	1.0								d'ù	6.1
E	2.9	3.9	1.0	. 3								8.2	4.3
F SE	. 7	3 . 3	. 3									4.2	4.9
SE		2.9	. 3									τ, τ	e . 4
SSE		2.9	1.6	. 3								4.0	6.5
S		2.3	1.6									٠, ٥	€.5
SSW		. 7	. 3									1.2	5.2
SW	2.0	2 • 0										3.9	3.7
# S #	. 7	4 • 2	• 7	٠,	• 3							6.2	5
•	2.0	3.3	3 • 3	1.6	• 3							10.5	7.0
le Nie	. 7	1.6	. 7	. 7								5.6	5.6
NW	• 3	1.9	2 • 6	• 3								7.2	6.4
NNW	1.0	1.6	. 7	. 3								3.6	4. • €
VARIABLE	, , , , , , , , , , , , , , , , , , , ,		•••••	•••••	• • • • • • •				• • • • • • • •	• • • • • • • •	• • • • • • •		
!	1111111111			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		(11111)1		u £	(1/1/1
TOTALS	15.4	53. !	19.9	5.6	1.3		,,,,	, . , , , ,				100.0	
101463	13.4											100.0	5.5
						• • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •		• • • • • • • •	• • • • • • • • •	

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFRED FROM HOURLY DRSERVATIONS

replou of Record:

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

#IND SPEED IN KNOTS

DIRECTION | 1-3 4-6 7-10 31-16 37-23 22-23 20-35 7-10 17-21 22-27 28-33 34-40 IDEGREES! 1 HIND 1.1 2 . 6 . 7 7.9 4.2 NNE 1.2 4 . 1 1.8 • 0 . 9 . 9 . 4 . . . 7. NE 1.7 2.6 . . . ENE 2.4 1.4 . 9 . 1 5.2 1 . 2 u "f-E 3.0 4 . 7 . 9 . 4 ٠, 6.2 ٠.4. ESE 4 . 3 • 8 . 4 ٠, ٥ ... SE • 3 2.3 • 8 . 4 . 0 S S E . 5 1.3 • 5 6.5 S • 3 1.9 1.5 1.3 5 S W . 4 1.1 . 7 • 0 7.4 SW . 8 2 . 4 .6 . 3 • 1 • 0 ٠.٠ 1 - 4 4 . C ٠, 7 ٠.٥ 1.7 4.9 2.8 1.3 • 2 •0 6.0 . 8 2.3 1.4 . 7 . 1 9.2 4.5 NW 1.3 . 9 • 2 • 7 . 3 1.8 6.7 NNE . 0 VARIABLE CALM 1.5 100.0 10.7 6.1 20.6

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PEPIOD OF RECORD:

MEAN WINU IDEGREES! ! 1.4 2 • 7 1.0 7.1 NNE 3.1 2.4 . 7 1.0 5.2 NF 1 • 7 2.0 3.7 , . 1 ENE 2.7 . 7 4 - 1 1.0 ٤ 2.4 3.1 ESE . 7 1.0 • 7 4.3 . 7 1 . 4 4.5 1 • 4 1.4 SE 7.1 4. • 3 SSE 2 . 7 5 1.0 ٠.٠ • 3 2 . 7 4.1 . 1 4.9 1.7 SSW 2.0 1.4 SW 2 • 7 1.7 . 3 5.1 1.4 · . 1 WSW 2 • 0 3 • 7 1.4 . 7 2.7 3.4 1.0 14.9 4.6 HNE 2.0 2.7 . 3 3.6 . 3 2.5 NNW VARIABLE CALM 12.5 ////// TOTALS 100.0

GEORAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM POURLY DRSFRVATIONS

PERIOD OF RECORD:

16.9 //////

3.0

100.0

AIR WEATHER SERVICE/MAC

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

17-21 22-27 28-33 34-40 (DEGREES) WINE 1 N 7.1 5.0 1.7 4 • 1 1.0 NNE 1 . 4 1.7 3 - 1 6.1 4.7 NE 2.7 • 3 · . 9 1.4 4.4 ENE 1.7 • 3 2.0 3.0 £ 1.7 1.4 ٠.2 2 . 4 . 3 FSE 7.7 1 . 4 2.0 • 3 SE 1.0 2 . 7 • 3 558 • 3 • 3 5 1.4 1.0 5.0 5 W 1.3 1.0 t. . 4 · . o 2.7 1.0 • 7 • 3 5.6 4 . 4 1.7 . 3 5.8 6 • A 14.4 4.4 1.7 3.4 . 3 5.4 4.0 NW 2.5 . 3 2.4 NNW 2.0 1 . 4 • 3 VARIABLE

TOTAL NUMBER OF OBSERVATIONS: 295

12.5

CALM

GLOBAL CLIMATOLOGY BRANCH USAFETAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

PERIOD OF RECORD:

78-87

13.3 //////

100.0

MONTH: JUN HOUNGILSTI: 6608-0800

AIR WEATHER SERVICE/MAC

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

WIND SPEED IN KNOTS
DIPECTION | 1-3 4-6 7-16 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GF 56 TCTAL PEA. IDEGREES! 1 1 #1 N () 3.4 .....N 4 . 4 1.7 . 7 Nhi 1.0 4.6 ·.· 2.0 1.0 NE 1.7 1.0 . 3 • 3 \* • 4 4.4 ENE . 3 £ 5.1 3 • 1 . 7 ч., ٠.,٠ ESE . 7 4 . 8 2 • 0 ۷., SSE • 3 1.6 2 . 7 4 . ; . 7 1.0 1 . 7 ч.я 7. 1.7 554 1.0 . 7 4.4 5 W 1 • 4 1.4 . 3 2.0 5.1 6.0 1 • 4 1.0 7.0 . 3 w S w 4 . 4 2 • 0 6 • 1 2.0 . 7 WNW NW 2 . t. NNW

. 3

• 3

5 · 1

TOTAL NUMBER OF OPSERVATIONS: 293

VARIABLE | CALM |

TOTALS

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND STEEL FROM HOURLY OFSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

R: 260630 STATION NAME: LENINGRAD USSR PEDIOC (F. RECORD: 78-87 HONTE: JOHN FOURSILST): C200-11CC

WIND SPEED IN MICTS

1 1-7 4-6 7-10 11-16 17-21 22-27 24-57 34-40 41-47 48-55 GF 56 10TAL MEAN DIRECTION I CDEGREESI 1 C. q. **k15**0 N . 7 NNE 3.4 3.4 . 1 7.1 NE 7.1 . 3 2.4 4 . , ENE · • i . , 2.0 . 7 ٠.1 E . 7 3.4 • 3 7.4 ,. <u>.</u> -3.4 FSE . . . . 7 . 3 . . 2. 7 1 . 7 SE 1.0 1.6 ٠,، 1 . 7 - . 1 • 3  $r_{i\rightarrow 1}$ 5 5 E • 7 . . 4 . 1 5 1.0 . 7 ٠. ۵ • 3 3 . 7 . 1 1. -5.5 H 1.0 1.0 1. 7 4.4 7.9 3.1 Sw 1 • 4 2.0 1.4 7,8 7 - 1 ₩ 5 W . 7 4.4 2.5 1. ü 4 . 1 3 • 1 7. ? 2.0 • ' 4.4 ¿. C 4.3 N¥ . ' 2.0 t . R P . C NNE 1. 1.0 9.2 4 . 2 E . R VARIARLE I CAL 3.7 ////// 100.0 6.3

TOTAL NUMBER OF OPSTRANTIONS:

PERCENTAGE FREQUENCY OF OCCURRENCE OF SUBFACE WIND DIRECTION VERSUS WIND FROM HOURCY DESERVATION

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

MONTHS BUY HOURS LOTTS 1.00 - 1400

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TOTALS !	4 + 1	48.0	25.B	16.6	7.7							157.	

TOTAL NUMBER OF OBSERVATIONS: 295

GLOBAL CLIMATOLOGY BRANCH PÉDEFNTÁSE FER CSINI VIII. SI SI GERNEL EL MITTE 
STATION NUMBER: 260632 STATION NAME: LENINGRAD HYPE REPORT AND ADDRESS OF A STATION NAME AND ADD

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GLOBAL CLIMATOLOGY ERANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEEL FROM MOURLY OBSERVATIONS

PERIOD OF RECORD:

78-87

AIR WEATHER SERVICE/MAC

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

HONTH: JUN HOURS (LST): 2107-2300 WIND SPEED IN MNOTS 17-21 22-27 28-33 34-40 DIRECTION 41-47 48-55 GE 56 TCTAL 4 -6 7-1C 11-16 IDFGREES! | FIND N I NNE 1 • C 1.4 . 7 P . 6. ۹,, 5 • 5 • . C NE 1 . C 3.4 . 7 . 3 . 3 ENE 1.7 3.4 4 . C 3 • 1 5.5 4.8 Ł 1.0 1.4 2.4 ٠.4 ESE . 7 1.4 2. 4.5 SE . 7 1.7 . 3 3.8 558 2.4 1.0 6.0 . 7 4.4 2.1 1.7 . 3 6., < 5 w 9.1 7.4 . . 2.4 1.0 • 5 ٤. ۵ 2.7 . 7 6.0 4 - 1 . 7 . 1 6.5 ٩.٠ 2.1 1.7 14.4 6.0 1 . 7 1 . C 1.0 . 1 ٧. 4 , 6 . , 2.4 6.3 1.4 4 .4 1.4 . 7 5 A L # 3.1 ////// 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR PERIOD OF PECORD: 7 A - A 7 MONTH: JUN HOURS(LST): ALL | WIND SPEED IN KNOTS | DIRECTION | 1-3 4-6 7-10 11-16 17-21 27-27 28-33 34-40 41-47 48-55 GE 56 ICIAL PE AL IDEGREEST | #I\*O • • • • 3 . 2 1.3 NNE . 9 3.5 2.0 . 9 7.3 6.7 . 1 r \_ e, NE . 7 . 1 4.9 1 - 1 2.6 • 0 FNE 1.0 2.0 1.1 . 2 4.7 1 . 6 S., 4 E 1 . 3 2 . 7 1.1 . 4 5.5 ESE . 5 1.9 .6 • 1 7.2 5.5 '•° SE .5 • 3 t . 2 • 3 S 2.0 1.6 . 9 . 1 • 3 . 9 • 0 . 7 • 0 •0 6.5 4.5 3 • 6 ٩.6 6.5 1 . 2 6.0 3.0 . 5 13.0 f. p 2.3 1.1 . 1 . 7 . 2 • ၁ . . ~ 2 . 4 5.0 1 . 7 . 6 1.7 1.0 2.3 1.1 . 1 •0 4.7 7.4 NNW VARIABLE CBLH 5.8 ////// . 1 ٠.٥ 100.1

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DEPTCTION VEHSUS WIND SLOT, FROM MODRLY DRSERVATIONS

PERSONA OF RECORD:

MONTH: JOHN HOURSHITTI.

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

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--- $-4.1 = 4.7 \qquad \alpha_{10} = 0.6 \qquad r_{\alpha\beta} = 0.4$ DIRECTION 17-21 22-27 28-33 34-4C 1 - 3 • ; • 1 (DEGREES) ! N N 2.6 1.9 NNE 1.5 5.2 1.0 1.6 1.0 ENE 1. 1 4 . 0 E . 3 FSE 2.3 1.5 5 8 . 5 1.0 2.9 . 6. 551 1.0 1.9 . , , 1.0 . ' 5.5 W . . \* 1.6 1.0 • 1. 2.0 . . .

WIND SPEED IN KNOTS

TOTAL NUMBER OF ORSERVALIENCE . . . .

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PERCENTAGE FREQUENCY OF PROPERTIES OF CORRESS WITH 1987 TEST TO VIVE SET 1987 FROM HOUSE PROPERTIES. GLURAL TEEMATCLOGY RRANCH USAFETAC ATH WEATHER SERVICEZMAS

STATION NUMBER: 250611 STATION NAME: LENINGRAD 055R

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FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND LIRECTION VERSUS WIND SFEED FROM MOUNLY ORSERVATION? GLOGAL CLIMATCLOGY PRANCH. ATR WEATHER SERVICE/MAC

STATION NUMBER: 210FTD STATION NAME: CENTINGRAD USSR

#IND SPEED IN KNOTS

DIRECTION | 1-4 | 4-6 | 7-10 | 11-16 | 17-21 | 27-57 | 28-53 | 54-40 | 41-47 | 45-5 | 66 | 66 | Total | MEAN DIRECTION 1 TOPEN, EST 1 #1 5 ° t N 1 7,7 8,6 7 4,0 1.1 ٠, 1.1 5 . 1 NAF . • 2.1 1., . . . . 4.~ 41 1 . . 1., ٠, . . ٠., 1.80 1. . . ٠ 1.0 . . 9.1 1.6 . . . 4 . 1 . . . 1.1 . • 4 1. . . ' . . 4.1 1.0 ٠. . 4.4 ٠., 4.9 4.5 1 . 4. . ٠., ٠. ٠. ٠., 9.0 . . . 4 , 4 11.9 ///// ... ,000

project arroad:

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM POURLY OBSERVATIONS

7 A - A 7

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF PECORD: MONTH: JUL HOURS (LST): 0900-1100 | WIND SPEED IN KNOTS | DIPECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 | OPEGP-651 | 41-47 4P-55 GE 56 TETAL MEAN IDEGREES! | **WIND** ....N 4.D NNE 1.0 7.9 1.6 6.6 5.3 NE . 7 1.0 . 3 . 3 2.3 6.4 ENE . 7 2 • 0 . 7 . 3 5.5 E . 7 1.0 3 . 6 1.0 6.2 5.8 6.9 FSF 1.3 1.0 2.3 SE 1 . 6 . 7 2.6 . . t.n . 7 1.3 5 S f 3 . 6 4.4 ٠.، ς, 2.0 2.3 1.0 . 7 5.9 ٠,٠ 5 S W . 3 1.2 . • 3 - 3 1.3 6.5 2.0 SM • 1 t: + 2 2.3 11.1 7.0 ۴.7 659 2.5 . 7 11.5 4.6 1.6 6 • 6 2.0 . 7 10.8 5.6 1.0 6.6 . 3 4.3 6.1 2.3 1.0 4.3 6.2 1. 3.9 . 7 5.1 VARIABLE CALM 100.0 5.3

GLOBAL CLIMATOLOGY BRANCH USAFETAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM POURLY OBSERVATIONS

PERIOD OF FECORD:

18-87

AIR WEATHER SERVICE/MAC

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

MONTH: JUL HOURS (LST): 1200-1400 HIND SPEED IN KNOTS DIRECTION I 1-3 7-10 4-6 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GF 56 LDEGREESI | WIND 5.5 1.3 4 . 3 6.2 . 7 NNE 4.3 5.3 • 3 5.3 NE 1.0 2.0 . 3 3. 7 7 • 1 . 7 ENE 2.0 . 7 • 3 3.6 F.9 £ 1 - 6 1.3 2.0 ESE 1.6 . 7 . 3 • 5 5 . ? SE 1.3 1.3 . 3 7.1 5 **5 E** 3.0 . 7 5.3 6.9 S 3 . 3 4.9 + 3 7 . 1 5 S W A.6 7. . . 7 1.3 4 . 3 2.6 8.9 7.1 w \$ w 9.9 1.6 . 7 12.5 • 3 5.8 2.6 . 7 1.0 6 . 6 10.9 A . 4 BNB . 7 2.0 1.0 . 3 . 7 7.7 NW 1.6 2.6 . 7 7.5 NNH 3.0 6.5 VARIABLE CALM TOTALS 25.0 10.5 1.0 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

Tan Beatrem Sentrody: No

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

OFFRIDO OF MFCORD: 78-87

MONTH: JUL HOURS(LST): 1500-1700

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5.5 W	) }	3.3	2.0	1.6								6.9	7.8
Sw	1 .7	5 • 2	1.0	1.6								8.5	6.9
#S#	1 1.0	5 • 5	2.6	1.0								10.2	6.7
u u	.7	4.9	6 • 6	1.0	. 3							13.4	7.5
wkw	1	2.3	2.6	. 7								5.6	7.6
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PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

PERIOD OF RECORD:

177.0

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

(DEGREES) | 1 WIND 5.4 . 7 3 . 9 1.3 5.9 NNE . 3 4.5 • 3 4 . 2 1.6 t . 6 ΝE 3 . 3 1.0 . 7 5.2 f. . 4 4.0 ENE 2 . 9 1.6 • 3 F . 4 • 3 Ε . 7 . 7 . 7 6.3 7.3 ESE 1.0 • 3 1.1 6.4 1.6 • 3 1.0 ٩., • 7 • 3 SSE .. 1.3 • 3 • 3 • 3 S 2 . 3 3.6 . 3 7. 1 554 2.9 1.0 1.0 • 1 ۲.9 7.7 SW 1.3 2.0 . 7 6.4 W 5 w 1.0 6.0 1 • 3 3 . 3 1.3 1 . 3 7 . 2 4.2 . 7 11.4 6.1 0 E UNU 1.3 1.9 • 3 # .D NW 7.5 4.2 1 • G 17.7 €...8 NNW VARIABLE CALM 2.3 /////

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TOTAL NUMBER OF ORSERVATIONS:

TOTALS

PERCENTAGE FREQUENCY OF OCCURRENCE OF SUPERACE WIND STREETINN SERVICE AIN. FOR FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

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TOTAL NUMBER OF OBSERVATIONS: 251

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PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD:

100.0

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

MONTH: AUG HOURS(LST): 0900-11CG HIND SPEED IN KNOTS TETAL DIRECTION I 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 MEAN 4-6 41 N.D 4.6 1.6 3 . 3 . 7 . 3 c. . A 2.0 . 7 NNE ٠., NE . 7 3.3 2 . 6 ۹. ۲ 5.6 1.0 . 7 ENE 1 . 5 2 . 6 4.0 ŧ 1.3 2.9 . 3 4.6 ESE 1.0 1.3 . 3 2.6 4.0 · . ^ . 7 SE 2.3 . 3 3.6 2.9 2.3 . 3 6.9 t . -1.3 5 . 7 4.9 2.3 1.3 9. 4. . . 2.0 c . q . 1 4.9 1.6 . 3 . 3 6.5 . 1 5.0 5 . 6 1.6 1 . 3 6.9 2.6 5.4 2.0 . 3 5., 1.0 -1.0 2 . 6 1. \* 1.3 4.5 ٠. ٠ 2.0 NV NNW 1.3 1.6 1.6 . 7 7.0 CALM 

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCUPATION OF ADDRESS AND STREETEN VEHICL WIND STREETEN VEHICL WIND STREETEN VEHICLE WIND STREETEN VEHIC

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

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GLOBAL CELMATOLOGY BRANCH PERCENTAGE FOR QUENCY OF GLOBARINGS OF SURFACE WIND STREET FOR VEMSOR WIND SERVICE PART.

FROM HODGEY OFFICEPRATE.

STATION NUMBER 25 25 TO STATION NAME . LENGARDER OF SKI

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LLCOAL CLIMATOLOGY BRANCH LSAFETAL ATO MEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WING GIRECTION VERSUS WIND SPEED FROM HOURLY ORSERVALIONS

COLGR 153 L with a N N E 1.4 ٠. ٠, ١ 1.4 . . . '-٠., 1.4 . • 4.4 . . ٠., ٠. . . . 2.0 . . : 4.4 1. 1 . ٠, ٠ 1. 4 1. . -. . 4 . . . . • . . . . ٠. . . . . . . 

PERCENTAGE FREQUENCY OF OCCUPRENCE OF SURFACE WIND STRECTION VEHSUS WIND SELECTION OF SURFACE WIND SELECTIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF ALCOHO: 79-97 HONTH: SEE HOURSTESTE: CECT-CHCC 019ECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 44-45 04 56 DIRECTION | TOF GREES | 1 N 1 1.5 1.6 NNE . 7 1.1 2.2 ٠,٠ NE . 4 ٠.^ F 45 ٠., 2.9 2.5 1-51 1 - \* . . . 7 ٠.٠ 1 • • , . . 1.1 ι, . . ٠., 1. 4.1 1.1 1.1 . . . 1 - 1 ٠. 1 - 1 . . . . . · . t ٠. . . i ٠. 3 ; w 1... 

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mys i	1.	2 • 1	3 • 7	1. 4						я.я	7.7
n 1	?	4 - 1	2.4	. 7	٠ ۲					10.2	A . 4
959 I	1 • 4	1.7	1.4	. 7	. 7					5.4	7.1
No. 1	4.5	1.4	1.4	. 1						6.1	5.8
- NNW - 1	1 • 4	,	• *							4 . 4	4.6
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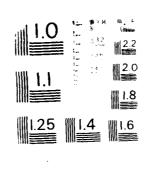
A 16 - WE A SEEK - CHEW TO EVM AL STATES NO NEMBERS INCHES STATEON NAMES - LENINGRA-PERIOD OF RECURD: 79-87 #EMIOU OF HECORD: 79-#7

MONTH: SEP HOURS (ESTI: 17 -14

#IND SPEED IN MODIS

[156-11], 4 | 1-5 | 4-6 | 7-10 | 11-16 | 17-21 | 22-57 | 24-22 | 25-00 | 25-55 TIMESTICS I TOTAL EST I 11-16 17-21 22-27 28-33 34-40 41-47 40-65 66 56 1616 441 1. 1.0 1.5 1.: . 1 56 1.0 ٠, . ' £ 4,6 . 7 . 1 1., t 7.4 . 7 . 1 . ' ESE . . 4 5 E . 7 1.4 1.7 . 1 < 51 3.0 5 2.1 3 • 1 1.4 554 4 . r 5.9 . , SW 3.1 . 1 4.5 2.4 2.1 4.2 1.7 w 1.4 ٠, ١ 1.4 1.^ 3.1 2.1 ٠, ١ HNW . 7 NW 2.1 3.1 NNW 1 • C 1.0 VARIABLE ! CAL immummummummummummumm. TOTALS 9.4 45.4 29.6 11.5 1.1

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PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATION.

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87

MONTH: SEP HOURS (LST): 1500-1700

		• • • • • • •	•••••	•••••		D SPEED	IN KNOT		• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
DIRECTION 1 (DEGR <sub>EE</sub> S)		4 -6	7-10			-	•	34-40			GE 56	3 1619F	ME A N
N	1.9	2.4	.7	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	••••••		4.0	4.5
NNE	. 7	2 • 4	1 . 3	• 3								4.7	6.4
NE	• 3	. 3	1.0	. 7								2.4	7.7
ENE	. 3	1 • 7	• 7		. 3							3.0	6.8
E	• 3	2 • 0	1.3									3,7	6.0
FSE	İ	2 • 7	• 7	• 3	. 3							4.0	7.3
SE	• 3	2 • 4	1 • 3	1.0								5.1	7 - 3
SSE	• 3	3 • 7	2.0	1.0								7.1	7.5
s	• 3	2.0	4.0	2.0								8.4	н.9
SSW	. 3	3 • 0	2 • 7	2.0	• 3							A . 4	8.8
SW	1.3	3 • 7	3 • 7	• 7	• 3							9.8	7.0
w S w	. 7	6 • 1	2 • 7	• 7	. 3	• 3						10.8	7 • 1
v	1.3	4.0	3 • 7	1 • 3								10.4	7.4
u Nu	. 7	3 • 0	1.7	1. 3	• 7	. 3						7.7	9.2
NW		2.4	1.0	2• በ								5.7	8.2
NNW (	! !	1 • 3	1.3	• 3								3.0	6.0
VARTABLE	••••••	• • • • • • •	•••••	•••••	• • • • • •		• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • •	
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PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR PERIOD OF RECORD: 78-87 MONTH: SEP HOURS(LST): 1800-2000

	• • • • • • • • • • • • • • • • • • • •	• • • • • •	•••••	•••••		 ND 5885D	IN KNOTS	• • • • • • •		• • • • • • • •			•••••
DIRECTION (DEGREES)		4 -6	7-10		17-21	22-21	28-33	34-40	41-47	40-55	GE 56	TCTAL	ME A N W I N D
N	1.7	2 - 1	1.7	. 3	• • • • • • •	•••••	•••••	•••••	• • • • • • • •	• • • • • • • • •	••••••	5.9	5.4
NNE	.7	• 7	.7	. 7								2 <b>.</b> ¤	7.1
NE	1.4	2 • 1	1.4									4.8	5.1
E NE	. 3	2 • 1	. 3	. 3								3.1	5.8
E	1	2 • 1										2 • 1	4 = 3
ESE	. 3	2 • 1	• 3	• 3	• 3							3 • 4	6.5
SE	.,	. 7	1 • 4									7.8	6.0
\$ S E	.3	4 • 1	2 • 1	. 3								6.9	6.4
s	. 3	2 • 8	3.1	1.0	. 3							7.6	8 . 2
SSW	• 3	4 • 1	2 • 8	1.4	. 3							9.0	8.0
SW	. 3	3.4	4.1	• 7								8.6	7.4
M S M	1.0	2 • B	1.7	• 3	• 3	. 3						6.6	7.6
¥	3.1	7 • 2	3.1	. 3	• 3							14.1	ۥ0
WNW	3.1	2 • 8	• 3	2 • 4	. 3	.3						9.3	7 . 3
NW	.7	2.4	1.4									4.5	6.3
NNW	ĺ 1.7	2 • B	1.0	• 3								5.0	5.1
VARIABLE		•••••	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	••••••	•••••	• • • • • • • •	· · · · · · · ·	• • • • • • • •		
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TOTALS	 	44 • 1	25.5	8.6	2.1	.7		,				100.0	6.4
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GLOBAL CLIMATOLOGY BRANCH USAFETAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS(LST): 2100-2300

AIR WEATHER SERVICE/MAC

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

WIND SPEED IN KNOTS -3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TCTAL MEAN DIRECTION ! IDEGREES! | MIND 3.5 3.0 NNE . 7 . 3 3.4 4.6 NE • 5 1.0 1.7 5.6 1.0 3.7 • 3 5.3 Ę 1.0 3 . 4 4.4 4 . C 1.3 . 7 2 . 7 . 7 6.1 SE 1.0 . 7 2 . 4 . 3 4.4 5 . 2 1.7 SSE 3.0 1.0 5.7 4.5 5 3.0 2.0 3.7 1.0 9.8 6.7 SSW 5 . 7 4.0 . 3 10.1 SM 3.0 1.0 • 7 • 3 6.2 , 7 1 . 7 3.4 • 3 • 3 в.3 2.7 6.1 1.0 . 3 . 3 . 3 3.7 6.1 . 7 . 3 5.1 4.7 3.0 VARIABLE CALM 11.1 ////// TOTALS 100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD:

#IND SPEED IN KNOTS

DIRECTION | 1-3 4-6 7-10 11-16 17-21 27-27 28-27 70-20 27 27 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 (DEGREES) ! MIND 4 . R 1.4 • 1 2 . 4 • 0 . 5 . 1 2.7 5.5 NNE 1.5 • 6 ٠, 1.2 5.3 NE • 5 • 3 2.9 FNE . 5 • 5 2.9 1 . 6 . 2 . 1 5 . 8 Ł 1 . 2 2.7 . 4 . 2 4.5 4 . A ESE 1 • 1 2.9 . 4 . 4 . 1 4.9 5.3 SE 1.0 2.0 . A . 3 4.1 5.5 S S E . 7 4.5 1.2 . 6 • 0 7.0 6.1 5 1.0 3.0 2 • 6 1.3 • 0 8.2 7.3 5 S W . + 4 . ? 3.1 • 9 . 1 9.0 7.3 • ၁ . A 2.9 • າ 3.5 2.6 1.2 . 1 8.1 7.6 . 9 2 . A 6.4 2 - 1 4 . 7 . 3 10.5 1 • 4 1.0 . 7 6.7 WNE 2.6 . 3 . 1 6.2 NW 1.0 2.6 1.2 . 4 5.2 5.9 NNE . 2 • 0 CALM *```* 7.6 ///// TOTALS 8.2 1.3 . 3 . 1 100.0 5.9

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIPECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

ITION NUMBER										PERIOD OF RECORD: 77-86  MONTH: OCT HOURS(LST): 0000-0200					
DIRECTION   COEGREST	1-3	4 -6	7-10		⊌ I	ND SPEED 22~27	IN KNOTS	34-40	41-47	4R-55	GE 56	T(TAL	MI MO ME A N		
N .	1.0	2 • 3	1.3	. 3	• • • • • •	•••••	•••••	• • • • • • •	• • • • • • • •	• • • • • • • •	•••••	5.0	5.9		
NNE		. 3	. 3									. 7	7.0		
NE		. 3										. 3	۵. ۵		
F NE	• 3	1.0	.7	. 3								2.3	7.1		
E	1.7	2.0	1.7									5.3	5.4		
ESE	. 7	1.0	1.0									2.6	5.3		
SE	. 1	2 • 3	. 7	1.0								4.6	€.7		
SSE	1.0	3 • 3	2.6	. 7								7.6	6.6		
s	. 7	1 • 3	5 • 3	1.7		• 3						9.2	9 • 3		
SSW	1.0	3 • 3	3 • 3	1. 7		<b>.</b> 3		. 3				9.9	9.0		
SW	. 7	5 • 6	3.6	2.0								11.9	7.1		
wsw	. 7	2 • 3	2.6	1.7								7.3	7.8		
	2 • 3	4 • C	4.3	2.3	. 7	. 3						13.9	8.0		
WNH	• 3	4.0	1.3	. 3								5.9	6.3		
NW S	.7	3 • D	1 • 3	. 3		. 3						5.6	7.7		
NNW	. 3	1 • 7	1.3	1.3								4.6	8.7		
VARIABLE !	• • • • • • • • • • • • • • • • • • • •	•••••	• • • • • • • •	• • • • • • • •	• • • • • •	•••••	•••••	• • • • • • •	• • • • • • • •		••••••	• • • • • • • • •			
CALH .	,,,,,,,,,	,,,,,,,	11111111	11111111	,,,,,,	,,,,,,,,	,,,,,,,,	///////	,,,,,,,,	minn	,,,,,,,	3.3	,,,,,,		
TOTALS	11.9	37 + 6	31.4	13.5	. 7	1.3		. 3				100.0	7.2		

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 17-86
MONTH: OCT HOURS(LST): 0300-0500

DIRECTION					⊔ I	ND SPEED	IN KNOTS						
(DEGREES)	1-3	4 -6	7-10		17-21	22-21	28-33	34-40		48-55	GE 56	TCTAL	MINO
N I	. 7	1.6	. 3	. 3	• • • • • •	•••••	•••••		• • • • • • •		• • • • • • •	2.9	۲, ۲
NNE		. 3	1.0									1.3	P.O
NE I	, 3	. 7	.7									1.6	6.4
ENE .	. 7		.7									1.3	5.5
E 1		2 • 3	1.6									3.9	6.2
FSE	• 3	2 • 3	1.6									4.7	7.1
SE I	. 7	2.0	. 3	. 7								3.6	5,8
5 S E		4 • 2	2.3	. 7								1.2	7.3
s		1.6	3.6	1.0								6.2	9.1
5 S W	1.0	6 • 8	2.9	2.6								1 7 . 4	7.3
SM	• 3	2 . 3	3.9	7.0								A . 5	6. ه
WSW	1 • 3	1.6	4.6	2.3								3.4	P • 2
w	3.7	3 • 6	2.3	2.0		. 3						11.4	7.0
unu i	2.6	3.9	1.3	1.6								9.0	6.4
NW	• 3	2.0	2.3	. 3			. 3					5.2	А, 3
NNW	. 7	2.0	1.3	1.0								4.9	7.6
1					• • • • • •		• • • • • • • •				• • • • • • •		
VARIABLE !							,,,,,,,,,					5.2	
1					,,,,,,,			,,,,,,,	,,,,,,,,	(,,,,,,,	,,,,,,,		
TOTALS (	12.1	37 . 1	30.6	14.0		. 7	. 3					107.0	7.8

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SEEFD FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 77-86
HONTH: OCT HOURS(LST): 0607-080C WIND SPEED IN KNOTS -10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 6F 56 1(Tal MEA' DIRECTION 7-10 COFGREESI | WIND • 3 NNE . 3 • 7 . 7 1.7 6.0 NE • 3 2.0 4.0 1.0 • 7 ENE 4.0 . 3 • 7 E . 7 1.0 ٠.٥ 2 . 3 ESE 3 • 7 1.0 I. . (\*) ٠.3 • 3 . 7 . 3 c. . 4 SE 1.3 7.1 1 - 3 1 . 7 SSE 1.7 . 3 5.9 3 . 7 5.7 1.0 ۰1 s . : 3.7 4.3 2.0 10.0 . 3 4.0 1.3 . 3 10.4 5 S W 1.0 3 . 7 7.6 SW 3.0 3.7 1.7 A . 4 9.3 MSM . 7 1 - 3 2.3 7.0 8.2 1.7 3 • C 2.0 . 3 7.7 2.7 • 3 . 7 7.7 ٩.1 1.0 2 • 7 . 3 . 7 ° • 1 . 3 NNe 1.3 1.0 VARIABLE CALM 4.7 ///// TOTALS 2.0 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY ORSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOU OF RECORD: 77-86 HONTH: OCT HOURS(LST): 3900-1150 WIND SPEED IN KNOIS 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TETAL DIRECTION I 7-10 11-16 2.0 IDEGREES) | MIND NNE . 3 . 3 9.1 1.0 • 3 4.7 NE . 7 ٠., ENE • 3 1.0 . 7 ε . . . 7 3.9 E 2.3 1.0 5 . 5 ESE 4.3 • 7 4.2 7.3 SE 2 • 6 1.6 1.7 SSE 1.6 • 3 11. 5 . 7 1.3 . 3 e . . \$ S W • 3 2.3 2.0 11.1 0.7 1.3 9 . r. 7.1 2.0 1 . C 1.0 . 3 7 .4 . 7 UNU 1.0 3 . 3 1.6 NW 3 . 6 1.3 . 7 5.6 7.2 p . s NNW 2.0 ///// 100.0 33.1

GLOBAL CLIMATCLOGY BRANCH

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

PERIOD OF RECOPD:

AIR WEATHER SERVICE/MAC

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

#EMIND OF MELOND: 77-86 MONTH: OCT HOURS(LST): 1700-1400 | WIND SPEED IN KNOTS DIRECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 T(TAL MEAN 4DEGREES) | 0.4 1.0 1.0 NNE 1 - 3 . 7 2.0 5.7 NE . 7 . 7 1.3 5.5 . 7 • 3 ENE 1.7 4.4 . 7 E . 7 1.7 . 1 . 3 5 . 8 ESE 2.3 5.7 ' • c SE 1.0 2.0 2.0 . 7 4.7 SSF 2.3 1.7 10.5 3 . 0 5 . 3 4.0 9.1 4.3 4.0 2 . 3 10.4 1.7 2.0 4.0 2.0 7.4 2.3 3.3 1.7 8.1 4 . C 3.0 1.7 1.0 ٠.1 9.5 1.7 1.7 • 3 ٤., 4.0 1.7 NW 1 . 7 1.7 . 3 • 3 10.4 NNW 2.3 1.7 CALM .7 ////// TOTALS 33.8 21.9 3.3 . 3 100.0 R .5

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY DRSERVATIONS

17-86

AIR WEATHER SERVICE/MAC

PEPIOD OF RECORD: STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR MONTH: OCT FOURS (LSTT: 1500-1700 WIND SPEED IN KNOTS 11-16 17-21 22-27 28-33 34-40 DIRECTION ! 1-3 4-6 7-10 11-16 41-47 48-65 GF 66 # E & \*. (DEGREES) 1 41 hr . 3 1.3 1.0 1.0 NNE 1 • 6 . 7 1.3 3.6 F.3 NE 1 • 3 • 3 2.5 5 • C • 3 1.7 ٠.٢ ENE 4.7 ... Ε . 7 • 3 . 7 2 . 6 7... FSE 2.0 1.3 2.9 ٠.٦ SE 1.0 • 3 1.6 8.7 ٩.٢ 555 3 . 6 1.6 2.6 • 3 5 2.9 4.2 3. 3 11.1 A . 7 . 7 v. º 9.5 554 2.3 2.6 3 . 6 . 7 SW . 7 2.9 2.6 2 • 6 s . 4 F + 2 9.5 ٩.٦ 1.6 3. 3 • 3 10.1 P . 7 1.0 2.7 2.0 1.0 9.2 9.3 2.0 3.3 2.0 F . 2 10.4 1.6 VARIABLE CALM 1.0 ///// TOTALS 30.1 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM POURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 77-86
HONTH: OCT HOURS(LST): 1880-7086

	. <b></b>	• • • • • •	•••••	• • • • • • •			**		• • • • • • • •	• • • • • • •	• • • • • • •	•••••	•••••
DIPECTION (DEGREES)		4-6	7~10		17-21	22-21	28-33	34-40		48-55	GE 56	ICTAL T	ME AN WI <sup>A</sup> U
N		1.3	2.0	. 7		• • • • • • •	• • • • • • • •		• • • • • • • •	• • • • • • • •	• • • • • • • •	4.7	F. 4
NNE	! !	• 3	. 3									• 7	
NE	i 1	2.0	• 7	. 3								1.3	, ,
E NE			• •	• •								1.5	3 . 6
i	! • <del>3</del>	1 • 3											• •
E	! • 3 	3 • 3	1.3	. 7								5.7	· • c
FSF	<b>!</b> !	2 + 3	1.3									? • 7	* • *
SE		2 • 7	1.3	, 7								4 . 7	7 . 4
5 S E	. 7	2 • 7	1.7	1.3								6 • 3	6.9
S	. 3	4 • 0	6.0	2.0								12.3	P • 1
5 S W	l I	3.3	2.3	3. D								8.7	9.7
SW	 	1.7	2.7	2.0								6.3	Q . U
พรษ	l 1 2.0	3.3	3.0	1.3								9.7	۴.5
	1 1.7	4.3	3.7	1.7	. 3		. 3					12.0	. 1
 6 N H		3.3	1.0	1. 7	• •							6.3	7.7
	ł												
NW	1.0	2 . 3	2.7	. 3								6.3	4.5
NNW	1.3	2 • 0	5 • 0	1 • C								6.7	6.9
VARIABLE					• • • • • • •	•••••	••••••		• • • • • • •	• • • • • • •	• • • • • • • •		•••••
CALM	! !!!!!!!!!!!	,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,,	,,,,,,,	///////	(1/1/1//	,,,,,,,	1.7	111111
TOTALS	8.3	40 • 3	32.0	16.7	. 7		. 3					100.0	7 +4
	·				• • • • • • •		• • • • • • • • •		• • • • • • •		• • • • • • •		

PERCENTAGE FREQUENCY OF OCCURRENCE OF SUPFACE WIND DIRECTION VERSUS WIND STEEL FROM HOURLY ORSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PEDIOD OF RECORD: 17-86 MONTH: OCT HOURS (LST): 2100-2320

		• • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •		ND SPEED	IN KNOTS		• • • • • • • • •				•••••
DIRECTION -	1-3	<b>4</b> -6	7-10	11-16			28-33	34-40	41-47	4 A - 22	6F 56	T( T & L	Mi En #Ini
N	. 7	1.7	1.3	. 3	• • • • • • •				•••••	• • • • • • • •		4."	6.2
NNE	1.0	. 7	• 3	. 3								2.7	e • 1
NE	! ! :	. 7	. 3									1.	F . 7
ENE			1.0									1. 1	7 , c.
E	1.0	3 • 6	1.0									5.6	u , o
FSE	3	2 • 6	2.0									s . · ·	. , 7
SE	. 3	1 - 3	1.7	. 1								3+4	7.1
SSE	. 7	3 • 0	1.0	1. 3								5.0	7 • 1
s		2.6	5.0	2.0	. 3							19.2	9 <b>.</b> 5
5 S W	. ,	5.1	4 . C	2.0			. 1					12.2	٠.٦
S W	!	5 • 6	1.7	2.3	• 3	.*						10.0	- , ń
WSW		₹•ቦ	3.0	1. 1								7.6	7.7
u u	1.0	3.6	4.6	1. *	.3		. 1					11.2	ه . ښ
보시되	; !	i - 7	. 3	. 3								₹.ე	٠. ٩
Na	.,	5. 5	1 - 3	1 - 7								۴.9	7.4
NNH	, 7	7.1	2.3	1. *	. 3							6.9	P.S
PARIABLE	 • • • • • • • • • • • • • • • • • • •			• • • • • • •	• • • • • •	• • • • • • • • •	•••••		·		• • • • • • •		
	i 	,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,	,,,,,,,,	,,,,,,,,	1111111	////////	////////	(1111111	3.7	111111
TOTALS	   9. <i>1</i> .	4() <b>,</b> 9	36.7	1 4 . 5	1 - 3	_ t	. 1					100.0	7.3
							•••••					• • • • • • • • •	

GLOBAL CLIMATCLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 17-86
HONTH: OCT HOURS (LST): DIRECTION 1 1-3 4-6 7-10 11-16 17-21 22-27 29-33 48-55 GE 56 34-40 #1 LU 7.2 • 0 NNE • 7 .5 • 2 1.6 ٠.٦ • 2 ς , ς, . 1 NE 1.0 ٤. د • 0 ENE . 4 • 7 • 5 £ . 7 2 • 5 1.1 . 2 4. 5.4 4.2 ٠.٦ 1.5 ESE • 2 2 • 5 SE . 5 2.0 1.2 • 6 . C 4.4 7.0 . 5 3 . 3 2.0 1.3 ٠2 7.7 7.7 ٩.7 5 . 4 4.9 2.1 . 1 •0 • 0 10.4 . 5 2 • 5 . 2 .0 • 0 .0 . . 7 :.0 • 0 . 0 3 . 7 2.8 . 8 2 . 6 3.0 A . . A . 0 1.5 3.4 . 1 . t 11.2 A.0 3.9 3.1 1.6 1 . 1 • 2 . 1 UNW 1.9 . 9 P . 1 . 4 2.5 . 2 • 0 6.1 NW . 1 7.9 1.2 .0 NNW . 6 1.9 1.7 VARIABLE CALM TOTALS . 2 100.0 . 1

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIFFICTION VERSUS WIND SFEED FROM HOURLY ORSERVATIONS

realon of Record:

AIR WEATHER SERVICE/MAC

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

#PATH: 40 CF MECAND: 17-86

#PATH: 40 FRED IN MAD TS

DIRECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TCTAL MEAN
TOEGREES! | N N 6.5 2 • 1 • 3 NNE 2.1 . 3 . 7 3.1 7.5 NE 1.4 . 3 • 7 2.4 4.5 ENE 1.0 . 3 6.5 1.4 £ 4.6 • 3 2.1 2.4 ESE • 3 2.1 1.4 • 3 4.1 6 . A SE 1.4 1.7 . 7 . 3 4.5 4 . 4 SSE 2.4 3.1 1.4 S 1.0 4 . A 5.5 2.1 . 7 . 3 15.1 A . A 5 S W . 7 2.1 6.5 7.4 1.0 13.7 9 . R SW . 1 2.1 2.4 4.1 2.1 A . 1 1.4 1. 7 . 7 4.A Q . 4 1.4 1.7 . 7 11.4 5.5 1.4 1.4 1.0 . 7 4.5 9.7 . 7 6.3 VARIABLE CALM 100.0 A . 1

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 77-86

MONTH: NOV HOURS (LST): 0303-0500

• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • •		•••••	•••••			IN KNOTS		••••••			••••••	***********
DIRECTION (DEGREES)		4 -6	7-10	1 1- 16	17-21	22-27	28-33	34-40	41-47	4 A =55	GE 56	TCTAL %	ME AN WIND
N	! !	1.7	1.4	. 3	• • • • • • • •		•••••			• • • • • • •	• • • • • • • •	3.4	7.2
NNE		• 3	• 3	. 7								1 • 7	7.5
NE	<u>.</u>	2 • 1										2 • 1	4.3
E NE	.,	1 • 7		. 3								2 • 7	5.3
E	. 3	1.4	. 7									2 • 4	6.3
FSE	 	2 • 4	1.4	. 3								4 - 1	7.0
SE	; !	1.0	. 7	. 3								2.1	P . O
5 S E	!   !	3 • 1	3.8	1.0	• 7							8.6	9.0
2	. 3	5 • 5	5 • 1	2.7	1.0							14.7	8.9
SSW	. 3	5 • 1	6.5	3.1	• 3							15.4	Æ <b>.</b> 6
SW	! !	3 • 4	2.4	2.1	• 3							8.2	8.7
m 2 m		2.4	3.1	1.7	• 7							7.9	9.5
¥	1.7	1 • 7	1.4	2. 7	1.4							8.9	9 <b>.</b> B
WNW	, 7	1.7	1.7	1.4	• 7							6.2	٠.٢
NW	1.0	1.7	1.7	. 7	• 3							5.5	7.1
NNW	. 3	1.0	1.7	. 7								3.8	R +2
VARIABLE			•••••	•••••		• • • • • • •	•••••	• • • • • •	• • • • • • • •		• • • • • • • •		
	i I <i>////////////////////////////////////</i>	.,,,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,,		(1111111	,,,,,,,	2.4	111111
TOTALS	5.9	36 • 3	31.8	10.2	5.5							100.0	P • 2

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PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 77-86

MONTH: NOV HOURS(LST): 0600-0806

IRECTION I	1-3	4 -6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TCTAL	MEAN
DEGREES!						· <del>-</del>						*	MIND
N	. 7	2 • 1	. 7	. 3	• • • • • • • •	• • • • • • •	•••••		•••••	••••••	•••••	3.8	5.3
NNE	• ?	1.4	1.4	. 3								3.4	6.8
NE !		• 3										. 3	4.0
ENE	. 7	• 7	• 3	. 3								2.1	6.3
E	1.0	2 . 4	. 3									3.8	4 . 2
ESE		2 • 7	1.7	• 3								4.8	7.7
SE !		1.0	1 • 4	. 3	• 3	. 3						3.4	11.2
SSE		2.1	2.7	. 7	• 3							5.0	ŕ.6
s	• 3	4 • 5	7 • 2	4.1	• 7							16.8	٠٠;
SSW		3.4	4.8	3 ⋅ 8	• 3	• 3						12.7	9.6
SW	. 1	1.0	4.5	1.4	• 3							7.7	9.2
wsw i	1.0	2.1	3.1	2 • 1								R • 2	7.5
w į	• 3	3,4	2.7	2 • 4	1.0							9.9	0 . B
UNU İ	1 • 4	• 7	2.1	1. 7								5.8	6.2
NW j	• 3	1.4	1.7	. 7	. 3							4.5	A .5
NNW		2.4	1.7									4 - 1	f . b
ARIABLE		•••••	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • • •	• • • • • • •		• • • • • • • • • •	
ALM 1/	,,,,,,,,,	1111111	,,,,,,,,	//////////	,,,,,,,,	///////		1111111	///////	((((())	,,,,,,,	2.7	(11111
OTALS 1	6.8	31.5	36.3	18.5	3.4	.7		,				100.0	P . 2

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD:

77-96

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

MONTH: NOV FOURSTLST1: 0900-1100 DIRECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TCTAL MEAN (DEGREES) | 1 WIND 1 • 7 1.0 • 3 6.5 NNE • 7 . 3 . 7 7.1 7.7 NE • 3 • 3 . 7 6.0 ENE . 3 . 3 7.3 E 1.4 . 3 . 3 2.1 6.3 ESE 2.1 1.4 . 3 4.2 6.8 • 3 SE . 7 5 . 2 ° • 1 1.0 1.4 1.7 . 3 SSE 4 . 2 3 . 8 2.4 10.7 ٩.4 S 5 . 2 3.5 3 . 5 1.0 . 3 13.5 10.1 SSW 6.2 2 . 8 11.8 9.1 Sw 1.0 1 . 7 2.4 • 3 9.3 9.0 WSW 1.0 3.5 1.7 • 3 10.0 9.3 8.3 9.0 -9.6 • 7 NW 2.1 7.8 TOTALS 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY ORSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 77-86

MONTH: NOV HOURS(LST): 1700-1400

										NU *	******	TI: 1/JU-	.1400
DIRECTION   IDEGREES)	1-3	4-6	7-10	1 1- 16	17-21	22-27	IN KNOT: 28-33	5 34-4C	41-47	49-55	GE 56	TCTAL 3	MEAN WIND
N į	• • • • • • • • • • • • • • • • • • • •	1.4	1.7	. 3	• • • • • • •	•••••	• • • • • • •			••••••	• • • • • • • •	3.4	7,4
NNE		. 3	1.7	. 7								2.7	9.3
NE		. 3		• 3								. 7	A • 0
ENE		1.4	. 7									2.0	6.1
E !		1 • 7	. 7	. 3								2.7	7.1
ESE		. 7	• 3	1 • C								2 • 0	10.0
SE	. 7	• 7	2.0	1.0								4.4	7.8
SSE	• 3	2.4	2.7	3.1								8.5	٦,4
s	• 3	3 - 1	6 • 4	4.4	1.0	. 3						15.6	10.2
SSW (	• 3	4.1	4.7	4.4	. 7							14.2	۶.5
SW		3 • 1	3 • 1	3. 7								9.8	9.5
wsw	• 3	2 • 7	2.0	2.0	. 7							7.8	9.5
• j	. 7	1.0	2.4	3.1	1.7							P . B	11.4
שאש		2 • 7	1.4	1. 4	. 3							5.8	я.я
NW		1.0	3.7	. 7		• 3						5. a	0.6
NNW	1 • G	1.4	2.0									4.4	٠.٥
VARIABLE	• • • • • • • • •					• • • • • • •	• • • • • • • • • • • • • • • • • • • •	•••••					
İ	(())		,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,		,,,,,,,	,,,,,,,,,	////////	,,,,,,,,	1.4	,,,,,,
TOTALS !	3 . 7	27 . 8	35.6	26.4	4.4	. 7		,				100.0	9.2

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86

HOURSTEST F: 1500-1760

100.0

F . R

MONTH: NOV

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

WIND SPEED IN KNOTS

DIRECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 49-55 GE 56 I(TAL MEAN, (DEGREES) WIND 4.7 1.0 NNE . 7 . 3 1. д., . 7 NE ٠, • 7 4. . . 1.7 ENE . 7 . 3 . 7 1 + 4 . 7 . 3 Ł 1 . 4 . . 4 4.9 . 7 . 7 ESE 2.0 • • 1 1 . 7 1.1 1.4 . 7 SE • 3 • 3 1.1 . . a SSE . 7 2 . 7 2 . 7 3. 1 ٠.7 S 3 • 7 8 • 5 2.7 • 3 • 3 • 3 ٠, ۲ 5 S W . 7 6.1 3 . 1 • 3 11. ۶.5 5.1 1.0 3 . 4 9.5 7.9 3.1 3 . 4 3.4 . 7 10.5 10.1 3.1 1.4 . 7 . 7 7 , 5 1.4 . 3 11.5 . 7 1.7 2.4 -6.4 1 . 7 A . 9 2.4 NW 1.4 1.0 . 3 5.1 9.4 NNW 2.4 1.7 7.0 CALM 2.0 /////

TOTAL NUMBER OF OBSERVATIONS: 295

41.7

26 . 1

21.7

2.7

1.0

TOTALS

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

							•••••		MANTH:	MOA		T): 1000-	2060
IRECTION I DEGR <sub>EE</sub> ST I	1 - 3	4-6	7-10	11-16	₩I! 17-21	ND SPEED 22-27	IN KNOTS		41-47	46-55	GF 56	TCTAL	MEAN
N .		1.7	1.0	1.4	• • • • • •		•••••	• • • • • • •				4.5	f.s
NNE !		1 . 7	• 3									2.1	5, , 7
NE !		1.4	. 3									1.7	٠.,
ENE !	• 3	1.0		. 3								1.7	1.0
E !	• 3	1.0	1.4	. 3								* • 1	٠.,
ESE	. 7	2 • 4	1 • 7	. 7									۴.٩
SE !		2 - 1	1.7	. 7	. ?							4.4	۴.,
SSE	• 3	3 • 8	1.7	2 • 1	. 3							9.2	, , s,
5	• 3	3 • 4	6.5	4.1		. 7						15.1	9.7
SSW	4.3	4. *	5 + 2	1. 7	. 3							12.0	A.6
5 W	• 3	3 • 6	4 - 1	1.0								9.1	7.6
n2n   	. 3	1.4	4 - 1	2.1	. 3							8.2	9.4
	. 3	2.1	2 • 7	2.7	. 3	. 3						8.6	10.7
HNH I		1.4	2.1	1.0	. 3	. 3						5.2	10.7
Nu !		1 . 7	1.0	1. 4	• 3							4.5	9.7
NNW		1.7	2 • 1									₹.₽	6.9
ARTABLE 1	•	• • • • • • •		• • • • • • • •	• • • • • •	•••••	•••••	•••••	• • • • • • •	• • • • • • •	••••••	•••••	•••••
CALM į,	/////////	,,,,,,,	11111111	////////	1111111	///////	////////	1111111	,,,,,,,	,,,,,,,	///////	1 . 7	/////
OTALS	3 . A	35 • 1	36.1	19.6	2.4	1.4						100.0	۴.5

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR PERIOD OF RECORD: 77-86
MONTH: NOV HOURS (LST): 2100-2366

1							IN KNOTS						
IRECTION   DEGR <sub>EE</sub> S1	1-3	4 -6	7-10		17-21	•	28+33	34-40	41-47	<b>4₽</b> ∼55	GE 56	1 ( 1 A L 1	ME AN WIND
N !	. 7	1.0	• 7	1.0		•••••	• • • • • • • • •		•••••			3.4	7.8
NNE !		. 7	. 7	. 3								1 . 7	7.2
NE	• 3	1.4	. 3	. 3								2.4	1.6
ENE	. 1	2.4										*•1	4.4
E	. 1	1.0		. 3								2.0	5.0
FSF		2 • 7	1.4	. 7								4.7	7.6
SE	. 1	2 • 4	1.4	. 3	• 3							c, . 1	7.1
2.2.6	• 3	2 • 1	4.4	2.4								9.8	A.F
s	. 7	3 • 7	4.1	3. 1	• 3	.7						12.5	9.7
SSW		5 • 4	6.8	2 • 4	.7							15.3	9.5
SH ]		2.4	3.7	. 1	1.0							7.8	9.3
usu	. 1	1.4	3.1	1.4	1.0							7.5	9.7
		2.4	2.7	3 - 4	• 3							я. ч	9.8
NNN 1	• 3	1.4	1.4	1.0		1.0						5.1	11.5
NW I		1 • 7	1.0	1.0	• 3	• 3						4.4	10.3
NNW	. 1	2 • 4	1.0	. 3								4.4	6.2
ARIABLE I			•••••		• • • • • •	•••••			• • • • • • • • •		•••••		
- 1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	11/1/1/		1111111	////////	,,,,,,,,	,,,,,,,,	2.0	,,,,,,
TOTALS !	5.8	34.9	32.5	18.6	4.1	2.0						100.0	R .5

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR PERIOD OF RECORD: 17-86 MONTH: NOV HOURS(LS1): ALL #IND SPEED IN KNOTS
DIRECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TC1AL MEEN EDECREES! 1 MIND N 7,2 1.5 1.1 NNE • 2 . P . 9 . 4 7.6 . 9 NE • 1 . 1 5.3 ENE 1.2 7.1 €. ₹ F 2.6 . . 7 ESE 2 - 1 . 6 4.3 7.3 SE . 6 . 3 4.1 R . 5 551 2.9 3.1 2.0 . 2 A . 5 A . 7 4.0 6.1 1. 4 • 6 • 3 14.7 9.5 5 S W 3.6 5.9 3. 1 • 5 • 3 2.7 3 . 6 1.8 • 3 A . 7 2.5 3.3 2.1 . 5 9.0 2.0 2.4 2.4 . 9 . 1 10.2 UNU 1.5 1.8 1.5 • 3 . 3 NW 1.5 1.8 . 9 • 3 . 1 9.9 NNW . 3 7.0  $\hat{\mathbf{M}}_{ij}$ TOTALS 20.4 3 . 7 100.0

## PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY ORSERVATIONS

STATION NUMBER	: 260630	NO 1 TAT 2	NAME:		-				MONTH:		HOURSILS	-86 1): 0000-	ni ac
DIRECTION   ODEGREESI		<b>4</b> -6	7-10	1 1- 16	w I t	ND SPEED 22-27	IN KNOTS		41-47	48-55	GF 56	T(TAL %	ME AN
N	. 3	1.0	• 3	••••	• • • • • •	• • • • • • • •	••••••	• • • • • • •	• • • • • • • •	• • • • • • •	••••••	1.6	4.9
NNE I	•	. 3	. 3	. 3								1.0	9.3
NE		1.6	. 7									2.3	6.n
ENE	. 7	2.9	1.0	. 7								5.2	6.9
£	1.7	2.3	1.3	. 7								5.6	6 • 1
ESE	. 7	7.9	3.6	. 3	. 3							7.8	7 . 4
SE	. 1	1.6	2.3	1.0								5.2	7 . 8
S S E	1 • 3	2 • 6	1.6	1.9								6.5	6.3
s	. 7	4.6	5+2	1.6	. 7							12.7	A • 2
5 S W		2.3	2.6	1.6	1.3							7.8	10.0
Sw	. 7	2.9	2 . 3	2.6								9.2	8.8
พรพ	2.6	3.1	2 • 3	2.0	. 7							10.8	7.4
ш	2.3	1.6	2.3	2.0	. 7							я.я	A • 1
889	1.6	2.9	1.0		• 3							5.9	5.4
Nu	. 7	1.0	1.6	1.0								4.2	7.9
NNW	• 3	1.6	1.0	• 7								3.6	7.1
VARTABLE	   • • • • • • • • • • • • • • • • • •	•••••			• • • • • • •	•••••	••••••	• • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	•••••	•••••	• • • • • • • • •	
1	111111111		/////////	11111111	1111111	(1//////	//////////	1111111	///////	///////	///////	2.6	111111
TOTALS	13.1	35 • 6	29,4	15.4	3.9		••••	,				100.0	7 .4

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND STEED FROM POURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF PECOPD: 77-86 MONTH: DEC HOURS (LST): 0100-05CC | WIND SPEED IN KNOTS 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TCTAL DIRECTION 7-10 MEAN (DEGR: FS1 | 1 WIND 1.0 2.0 NNE • 3 1.0 4 . 5 NE 1.0 1.3 1.3 c , , ENE . 7 1.0 1.0 1.0 A . O £ 3.9 2.0 . 3 €.₽ 6.2 ESE . 7 1.6 1.0 6.9 3 . 6 7.0 SE 1.0 . 7 2.0 9.3 • 3 SSE 1.3 • 3 2.6 1.0 5.2 7 - 1 S 6 • 5 3.9 2.3 1.0 A . 5 13.7 5 S W . 7 2.9 2.3 2.9 1.0 Q. A ٧. ٢ S₩ . 3 . 3 3 . 6 3.3 1.6 9.2 WSW 1.6 2.9 2.9 2.3 • 3 17.1 ۰.1 ¥ 1.3 • 3 9.8 HNE 1.0 • 3 1 - 3 4.2 5.9 Nw 2.3 . 3 1.3 5.9 8.9 NNW 6.3 VARIABLE I CALM 3.9 ///// TOTALS 100.0 7.4

### PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY ORSERVATION:

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR PERICH OF RECIPE: 77-86 DIRECTION | IDEGREES) | 11-16 17-21 22-27 28-33 34-40 41-47 49-55 6F 56 TOTAL #1%[ .... 1.0 1.3 . . . NNE . 3 1.7 1.0 . ! . , ٠. ١ NE 1.7 ٠. -ENE • 3 1.7 1.7 1.0 4.7 7.7 3.0 2.7 FSF 3 • C 3.0 . 7 7.6 1.0 1.3 7.4 , 21 1.3 6.7 ٠., 4 . 7 6.0 ٠, ٦ 3 . 7 55# 1.7 2.0 2 . 7 1.5 F - 1 2.3 1.7 . 7 3 . P 7.4 1.0 7.0 3. C W 5 W 1 . 7 . 3 A . 1 9.0 1 • 7 2.3 ٩.٢ 1.7 я.7 2 . 7 2.0 <sup>1</sup>, +3 . 3 WNW 2 • 3 3.4 9.1 1.0 2. 3 NH 1.0 5.7 ٠.3 NNW E. . 9 VARIABLE ! CALM 3.7 ///// TOTALS 1.0 100.0 7.1

PERCENTAGE FREGIENCY OF OCCURRENCE OF SUPFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSTRIVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PER100 OF WECORD: 77-96 MONTH: DEC HOURSILSID: 3909-1100

	. <b></b>	• • • • • • •	•••••	• • • • • • • •	₩I	NO SPEED	IN KNOTS	, <i>, , , , , , ,</i>	• • • • • • •			• • • • • • • • •	•••••
DIRECTION ! IDFGREESI		4-6	7-10	1 1- 16		•	28-33	34-40	41-47	48-55	GE EE	1 ( T A L 2	ME A Fe W § N LI
h	7	2.5	. 4	• • • • • • • •	• • • • • • •		••••••					3.9	5.9
NNE		. 1	1.1									2.1	* • •
NE		1 • 4	. 4									1.3	5 .L
ENE	. 4	1 • 6	1.1									7.3	f"
Ł	. 4	5 + 3	1 • 8	. 7								9.1	6.42
ESE		3+2	3.2	. 4								6.7	v *o
5.6	.4	3.2	1.8	. 4								c • 6	t
5.5.6	. 7	3.0	2 • 1	. 4								7.0	€ • <sup>r.</sup>
S		2.0	4.2	2• ₽	. 4							10.2	¢.u
SSW	. 1	4.7	2 • F	2 . A								10.5	F.3
SW		2.5	3.2	1.4	• 7							7.7	٠, د
WSW	1.4	1.4	2 • 5	2.5								7 . 7	9.2
w	₹	4.9	1.4	1 - 1	. 4	• 4						12.9	4.5
WNW	1.1	3 • 2	1.1	1.1								6.3	6.6
NW	. 4	1 • 1	• 7	1. i	. 4							3.5	۵.7
NNW	• ,	• `	1.8	. 4								3.5	7.0
VARIARLE	• • • • • • • •	•••••	• • • • • • • • •		• • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •		• • • • • • • • •	
	.,,,,,,,,,,		////////	,,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,,,	1111111	.,,,,,,,	,,,,,,,,	1111111	1.9	111111
TOTALS :	۹.۶	42.5	29.1	14.7	1.8	. 4						100.0	7.2

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND UTRECTION VERSUS WIND STEED.
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

FER10D OF RECORD: 17-86 MONTH: OFC HOURS (LST): 1700-1460

• • • • • • • • • • • • • • • • • • • •		• • • • • • •	•••••	• • • • • • • •		ND SPEED	IN KNOTS	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
DIRECTION IDEGREESI		4-6	7-10		17-21	22-27	28-33	34-40	41-47	48-55	GF 56	T c T A i	м£ А.Ч. ₩1745
N	! !	1.7	. 3	• • • • • • •	• • • • • • •		• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	••••••		5.7
NNE		1.0										1. 1	4.0
NE	. 3	1 - 7	. 3	. 3								2.6	
E NE	!	2.5	1.7	. 7								4	· · ·
E	} ! . 7	3.1	2.6		. 3							7.	· . :
ESE	. 7	4 - 3	2.0	. 7								7.4	
SE	.7	1 • C	1.3									3. "	+.5
\$ S E	! !	2.6	4.6									7. *	7.4
S	 	3. 「	6.0	2.3	. 3							11.7	e . 1
5 S W	! ! .,	3.0	5.0	2.0	• 3							1 " . 6	¥.0
5 w	! ! .;	1.3	3.6	£.0								٠. ،	ه نر
WSW	! ! . , ,	2.6	2.0	2.3	. 3							7.3	F.9
w	l 1 . 7	5 • 6	3 • 3	1.3	. 3							11.1	7.3
WNW	 	2 • 6	. 7	1.0								5.6	4.5
N w	l ! 1.5	1.3	1.3	1.0		. 3						5.0	s.5
NN <sub>m</sub>	1 1 • 3	1.7	. 7	. 7								۲. ۲	7.4
• • • • • • • • • • • • • •	 • • • • • • • • • • • • • • • • • • •			• • • • • • • •	• • • • • • •								
VARIAPLE	l											•	
CALM	<i>                                    </i>	1111111	,,,,,,,	////////	,,,,,,,	1111111	///////////////////////////////////////	1111111	///////	11/1/////	1111111	1.7	/////
TOTALS	7.6	39 • 1	35.4	14.2	1.7	• 3		•				160.0	7.6
• • • • • • • • • • • • • • • • • • • •	• • • • • • • • •	• • • • • •	• • • • • • • •	• • • • • • •					• • • • • • • •			,	

PERLENTARE FREQUENCY OF OCCURRINCE OF SUPFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATION:

STATION NUMBER: 260637 STATION NAME: LENINGRAD USSR

PER DECURD: 17-86

MONTE: DEC HOURS (LST): 1900-1700

		. <b></b>							MONTE:		********	11: 1:00-	1700
OIRECTION IDEGPEEST		4-6	7-10	1 1- 16	#IN 17-21		IN KNOTS 28-33	34-40	41-47	4 A - E 5	GE 56	T(TAL	ME AN WIND
N	. ,	1.	1.'	•••••	• • • • • • • •	•••••	• • • • • • •		•••••	• • • • • • • •	•••••	2 9	6.2
NNE		. ,		. 1								1.6	7.6
NE	. 7	2.1										2.1	4.7
ENE	1	1.5	2.0	. •								₹. 9	7.5
t	. 7	4.2	1 • C	. •								5.2	€ • 6.
ESE	. 7	2 • 3	2.9	. 7								6.5	7.1
5.6	! !	1. *	2.1	. 7								4.2	1.1
5 <b>5</b> F	1.0	2.9	2.9	. 7								7.5	6.4
5		4 - 6	€ • 2	2.0	. 7							13.4	~ , t
55w	i	7.9	2.6	2.6	1.0							9.2	10.0
5 w	. 7	2.0	3.3	1 - 3								7 . 2	8.0
W S W	.7	1 . 6	2.3	2.6	.3							7.5	
W	1.0	3.9	2.6	2.3	. 3							10.1	7.0
u Nu	į	3.3	2.0	1.0	. 3							F . 9	7.9
NW	, t	1 - 6	2.3	1. 1								5.6	7.9
NNW		1.0	. 3									1.6	5.2
VARIABLE CALM	       	· · · · · · · · · · · · · · · · · · ·			· · · · · · · · ·				•••••	• • • • • • • •	· · · · · · · · · · · · · · · · · · ·		
TOTALS	1 	37.1	34.C	16.3	2.6					,,,,,,,,,	,,,,,,,,,	100.0	7,777

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER	2 : 2 : 0 : 3 : 3	STATION	NAME:	LE NI NG RA	S USSR				PERIOD MONTH:	OF RECOP	D: 17- Poursilst	-	2000
	· · · · · · · · · · · · · · · · · · ·	•••••	• • • • • • •	• • • • • • • • •			IN KNOT		• • • • • • • •	• • • • • • • •	• • • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •
DIRECTION I	İ	4 -6		1 1- 16	17-21	22-27	28-33	34-40		4 A - 5 5	GE 56	T C T A L	MEAN Witt
	1 3	1.0	1.0	• • • • • • • • •	• • • • • •	•••••	•••••		• • • • • • • •	• • • • • • •	• • • • • • • •	2.3	5_7
	Ì												•
NNE	• •	1.3	• 3	. 7								2.6	7.3
NE		1.0	. 7	. 3								2.0	7.0
ENE	.,	1.3	1 • 3	. 3								3.3	6. <sup>8</sup>
£		4 . 6	2.0	. 3								6.9	6.3
ESF		3 • 0	4 . 3	1.0								8.2	8.1
se	• 3	1.0	. 7	. 3								2.3	6.9
SSE		2 • 6	4.6	1.3								9.5	R . 2
s	. 3	4 • 6	4.3	1.5	. 3							12.8	7 <b>.</b> A
SSW	. 3	3 • 3	2 • 3	2 • 0	1.0							A.9	9.3
SW	1.C	3 • 0	3.9	2 . 3	1.0							11-1	٠.٩
wsw		1.0	3.0	2.0								5.9	10.1
u	1.6	3 • 6	2 • 6	1.6	.7							10.2	7.7
WNW	1.3	3.0	1.0	1.0								7.2	5.7
Nu	1.3	1 - 6	2 • 3	1.3								6.6	7.2
NNM	 	1.0	• 3	- 3								1.6	7.7
VANIARIF I					• • • • • •	••••••	•••••	• • • • • • •	· • • • • • •	• • • • • • • •	• • • • • • • •		
1		11111111	,,,,,,,	,,,,,,,,,	//////	,,,,,,,,	,,,,,,,,		,,,,,,,,	,,,,,,,,	,,,,,,,,,	1.6	111111
1	}								,				
TOTALS !	7.2 1	57 . 7	34.4	16.1	3.0							100.0	7.7
	• • • • • • • • •		• • • • • • •		• • • • • •	• • • • • • • •							

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

MONTH: DEC HOUPS(LST): 2100-2306 WIND SPEED IN KNOTS 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 1CTAL DIRECTION 1,-3 4-6 7-10 11-16 IDE GREEST | WIND ...... ....N 1.9 1.6 NNE 1.3 . 3 . 3 2.3 6.3 • 3 . 3 . 3 2.3 NE 1.0 • 3 ENE . 7 2.3 1.3 7.5 3.9 1.3 1.0 Ε 1 . 3 6.1 2.9 • 3 6.2 6.9 ESE 1.0 2.0 2.3 6.7 . 3 SE • 3 • 7 1.0 . 7 9.5 1.0 7.3 SSE 3.3 4 . 6 4.6 5 3.9 2.6 • 3 11.4 8.5 2.0 1.3 12.5 9.6 SSW ٠ ۲ 2.6 4.2 S et 3.6 4.6 . 7 . 3 9.2 0.9 WSW 1.3 2.0 1.6 3.6 . 3 8.9 ٠., 1 . 3 3.9 1.6 2.0 ٠3 9.2 7.9 3 . 3 1.0 . 7 5.9 NW • 7 2.5 1.0 ۹.٦ 2.0 7.2 VARIABLE CALM 2.3 ///// 100.0

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED USAFETAC FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAG

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR PERIOD OF RECORD: 77-86

					u T e	ID SPEEN	IN KNOTS		-				
RECTION I	1-3	4 -6	7-10		17-21	22-27		34-40		48-55	GE 56	T(TAL	ME AN WING
N !	. 4	1.2	.7	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • • •	•••••	•••••			2.3	6
NNE !	. 3	. 9	. 3	• 2								1.7	۴.4
NE !	• 3	1.5	. 5	• 2		•0						2.5	f.c
ENE	. 4	1.9	1.4	. 5								4.1	7 - 1
E	. 7	3 • 8	1.8	. 5	• 0							6.9	6.3
ESE	. 5	3 • 0	2.9	. 6	- 1							7.1	7.2
sŧ	• 3	1.2	1.4	• 5								3.5	7.3
SSE	. 5	3 • 1	2.9	. 7								7.2	7.7
s !	• 2	4 • 2	5.1	2.3	<b>.</b> 5							12.5	A.6
ssw	. 4	2 . 9	3.1	2.2	. R							9.3	9.7
SW	. 4	2 • 7	3.3	1.7	. 3							A.5	9.5
wsw	1 • 2	2 • 1	2.3	2.5	. 3							8.4	٠.7
w !	1.6	4 • 0	2.1	1.7	. 4	•9						9.9	7.5
NNM .	1 • 3	3 • 0	1.2	. 6	. 1							6.3	6.1
NH I	. 6	1.2	1.7	1.3	. 1	•0						4.9	8.4
NNW .	. 3	1.4	.7	. 4								2 • 9	4.7
ARIABLE	•		•••••	•••••	• • • • • •		• • • • • • • • • • • • • • • • • • • •			<i></i>	• • • • • • • • •		
1	,,,,,,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,,,,,				,,,,,,	,,,,,,,,	,,,,,,,		2.5	111111
ı											,,,,,,		
OTALS !	9. !	38 • 2	31.4	15.9	2.6	. 1						100.0	7.5

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

MONTH: ALL HOURS (LST): ALL WIND SPEED IN KNOTS DIRECTION I 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 TETAL MF A Fa GE 56 (DEGREES) w1%1 4.7 • 0 2.0 1.0 • 0 NNE . 6 2 . 4 1.0 • 0 •0 4.5 . . 1 NE. . 7 •0 ٠,٨ 1.8 . 8 . 1 6.2 1.9 ٦. ٠ ENE . 7 • 0 . 8 . 3 f + 1 6.0 • • Ł •0 1 • 2 3 . 3 1.2 • 0 ESE . 7 3.0 1.2 . 4 • 0 • 0 6.7 .,, . 5 SE 1.8 1.1 • 0 • 7 SSE • 5 3.1 1.9 . 7 . 1 •0 4.4 7.0 S . 5 3.2 3 . 2 1.6 • ) ٠n 5 S W . 6 2.9 2 • 4 1.3 • ) • 0 • 0 7. ' SW . 1 3.2 2.0 1.0 ٠ŋ 7.7 1 . 2 7.1 2.0 4.7 2 . 8 1.4 • 3 • 0 11.2 4.9 . 1 5.7 1.1 2.5 1.2 6.7 . 5 1.7 NW 1.5 ۰, • 7 7.6 . 1 • n 4.7 . 7 NNW 1.7 • 0 1.7 6.4 CALM Ĺ*ֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈֈ* 5.7 ////// 6.5 • 0 100.9

PERIOD OF RECORD:

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WING SPEEL FROM MOURLY DESERVATIONS

ATR WEATHER SERVICE/MAC

STATION NUMBER: 260630 STATION NAME: LENINGPAD USSR

CEILINGS 200 10 1400 FEET WITH VISIBILITIES 1/2 MILE OR MORE

AND/OR

CEILINGS 200 FEET OR MORE WITH VISIBILITIES 1/2 TO 7-1/2 MILE?

NIND SPEED IN KNOTS													
DIRECTION		4 -6	7-10	11-16		22-27	28-33	34-40	41-47	46-54	60° 30	7 ( ) å i 2	ωξ Δ 1. ₩ 1 Ν <sub>ε</sub> (1
N	, 6	1.4	. 7	• 2		•••••				••••••	•••••	1.	5.9
NNE	5	2.0	1.0	. 3	•0							, , ,	• • "
NE	.6	1 • 9	•6	• 2	• 0	• 3						٠, ١	•
FNE	.6	1.9	. 7	. 5	• 17							7.4	٠
£.	1.0	4.0	1 - 6	• °,	• 0	•0						1.2	٠
FSE		3 • FJ	2 • 0	. 6	• 0	•0						***	
SE	! ! , u	2.0	1.5	. 5	• 1	•3							7.7
558		3 . 3	2.5	1 • G	• 1	.0						7.4	٠.4
\$	.4	3.6	4.1	2.1	. 4	.1		• 0				12.4	K
SSW		2.7	2.4	1.4	• 5	.3	• 0					7.5	n , 4
5 W	. 6	2.9	2.0	1 • 1	• 2	•0							* <b>.</b> K
WSW	1.1	2.4	2 • 2	1.5	• ?	•3						7.9	7.5
u u	1 3.4	4.7	7 . 3	1.2	. 1	• 7						٠.٠	<i>6.</i> • 9
WNW	1.0	2.3	1.2	. 6	• 0	• າ						5.2	
NH	1 .5	1.4	1.1	. 7	. 1							٠, ۵	٠,,
NNW		1.2	.6	• •	• 1							2.5	• • 1
ANLTHUE	: • • • • • • • • • • • • • • • • • • •	•••••	•••••	• • • • • • • • •	• • • • • • •					• • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	
CAL™ I		,,,,,,,		,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	1111111	,,,,,,,	,,,,,,,	,,,,,,,,	6.1	111111
TOTALS	11.6	41.0	26.6	12.4	1 • 9	•2	• 7	• 0				100.0	.,7
	, ,,,,,,,,,,,												

1

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#### COLLING MERSON MISTELLIEV AND THY COVER SHOWARD S

#### CHAIL SECTION A DATE OF THE A SHEWWARK.

is the property of a distantial energy and at a separate class, which is continuous with the constant of a separate class. The selection of the contract of the selection of th

CATE C RIVE FOR MIR WHILE SHIPPINGS

THE COUNCY COUNTRY FOR SUSTAIN OF THE SIZE WOOD REMONE TIME CO. IS NOT A STOLE OF STOLE FROM THIS CELL OF THE COUNTRY OF THE C

#### 4011

Figure 1. In [6], we are classed, are constructed while fits of a wife of a construction of with a construction vibrate time of the construction of the construction of the construction.

as a 10, simple station constitutes with district the asternative and 7. Configuration and 7. Configuration of the asternative and the state of the asternative and the asternative

is the second principle constant where the seasons are the first above to the second constant values above a second constant  $x_i$ 

#### N. W. C. C. Markey

Explored application of the law of the two times applicable with the mention and consisting capital about a section to

April 1999 A March 1997 A March 1997 A March 1997 A

I BERGER AND TATTER A TEXT BY CONVENTED THE MEMORY OF TURBER OF TO 1997 FOR A DESCRIPTION PAGE.

SIEA 111 171 saffers : •/: CALLET 1 1 . 7 1

PERCENTAGE FREQUENCY OF OCCURPENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

MONTH: JAK HOURS (LST): 0000-0200 VISIBILITY IN STATUTE MILES CEILING GE GE GE 4 3 2 1/2 GE GE 1 7/4 GE GF 5 IN | GE FEET | 1 GE GF GE 2 1 1/2 1 1/4 1/16 5/8 1/4 10 1/2 20.7 20.7 20.7 NO CEIL I 20.4 21.1 19.4 20.1 21.4 21.4 21.4 GE 200001 14.6 14.6 14.6 14.6 20.1 21.1 21.1 21.4 21.4 21.4 21.4 21.4 6E 180001 14.6 14.6 19.4 20.1 20.1 21.1 21.1 21.4 21.4 21.4 21.4 14.6 14.6 14.6 14.6 19.4 19.4 21.1 21.1 20.1 21.1 14.6 21.4 GE 140001 14.6 20.1 20.1 GE 120001 14.6 14.6 19.4 20.1 21.1 21.4 21.4 21.4 29.6 33.0 3 1.0 34.0 ₹4 • 0 ₹4 • 0 26.6 29.1 33.7 34.3 34 • C 34 • O 24.6 GE 1000al 18.4 19.4 18.4 18.4 31.0 29.6 34.0 34.9 34.0 19.4 19.4 18.4 33.0 33.0 GΕ 90001 18.4 18.4 18.4 19.4 18.4 28.6 29.3 3 1 . 0 3 1 . 0 3 1 . 3 29.3 14.0 14.0 34.0 800001 29.6 33 • D 34 . 0 34.7 34.0 33.0 34.0 18.4 28.6 34.0 34.0 70401 18.4 18.4 33.0 73.0 60001 29.9 74.4 34.4 34.4 33.3 14.4 50001 28.9 29.6 29.9 35.5 37.3 34.4 34.4 24.0 ·5.0 35.U 45001 46001 18.7 18.7 29.6 29.6 34.0 35.0 35.0 35.C G F 14.7 18.7 18.7 30 • 3 30.6 34.0 34.0 18.7 19.7 30.3 30.6 34.0 34 . D 34.0 35.0 35.0 ₹5.3 18.7 6 F 35001 18.7 19.7 18.7 18.7 29.6 30.6 34.4 34.4 35.4 16.1 35.4 35.4 35.4 35.4 35.0 3G. 3 31.3 35.0 36.1 16.1 ₹6.1 ⊌ E 30 ac l 19.0 31.0 39.5 30.0 43.8 43.8 40.8 25001 22.8 22.8 34.7 19.8 35.4 35.7 39.5 40.8 40.9 6 E 22.8 22.8 2600l 1003l 27.2 27.2 27.2 27.2 40.8 42.9 41.2 45.2 45.6 47.6 45.6 46.7 46.9 46.9 45.9 46.9 28.2 41.8 47.3 49.0 G F 28.2 47.5 49.D 49.0 31.3 1:001 67.0 G F 37.9 65.0 66.3 72.4 73.1 71.1 74.5 74.5 74.5 79.2 P C . 3 19.1 39.5 39.5 39.5 69.7 71.8 17.6 78.2 80.3 80.3 A).3 80.3 1.1 11001 71.1 39.5 19.9 82.3 A2. T 82.3 1000 37.5 34.5 71.1 73.1 79.3 79.9 P2.3 15 F 12.4 AUU I Zoll 40.8 41.5 40.8 41.5 40.8 73.5 79.3 75.5 81.3 82.7 83.C 89.1 81.n 89.6 85.4 91.8 85.4 91.8 85.4 91.8 40.4 74 .8 P5.4 F5.4 ¢1.8 41.2 87.6 91.6 G F 6001 41.5 41.9 a0. 3 A2. 3 A9. A 90.8 91.2 41.5 93.5 41.8 92.3 1. 6 5001 42.2 42.2 42.2 P1. 3 82.7 R 3. 3 90.8 91.8 94.5 94.9 94.9 94.9 94.9 91.7 98.0 υ **(** 4001 41.8 42.2 42.2 42.2 P 3. 7 85.0 A5.7 93.9 74.9 98.7 98.0 99.0 96.0 1001 42.2 42.5 42. 9.0 96.9 99.7 99.7 86.4 91.9 42.5 44.4 95.6 2001 42. 42.5 42.5 85.7 86.4 96.6 27.1 99.7 99.7 99.7 49.7 1001 A6.4 96.6 91 6.5 42.5 42.5 114.4 85.7 86.4 95.6 96.6 96.9 99.7 99.7 99.7 99.7 100.0

### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR											PERIOD OF RECORD: 78-87 MONTH: JAN — HOURSTESTI: 0307-9500							
	LING	•••••	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••			IN STATE			• • • • • • •		• • • • • •	• • • • • • •	•••••	
	N I	GΕ	GE	GE	GE	GE	GE	GE	GE	GΕ	GE	GE	G E	G£	r. E	51	4.E	
FE	ET 1	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	G	
	• • • • • •		• • • • • •		• • • • • •		•• • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •					
	ec					•	10.0	20.1										
N O	CEIL		14.4	14.4	14.4	14.4	19.8	20.1	20.1	21.9	21.8	21.8	21.8	21.9	22.1	22.1	2 2 • 1	
G.F	200001		15.1	15.1	15.1	15.1	21.1	21.5	21.5	23.2	23.2	23.2	23.2	23.2	23.5	23.5	23.5	
	180001		15.1	15.1	15.1	15.1	21.1	21.5	21.5	23.2	23.2	21.2	23.2	23.2	23.5	23.5	23.5	
_	160001		15-1	15.1	15.1	15.1	21.1	21.5	21.5	23.2	23.2	23.2	23.2	23.2	23.5	23.5	23.5	
	14000		15.1	15.1	15 • 1	15.1	21.1	21.5	21.5	23.2	23.2	21.2	23.2	23.2	23.5	23.5	23.5	
G E	120001		15.1	15.1	15.1	15.1	21.1	21.5	21.5	23.2	23.2	21.2	23.2	23.2	23.5	23.5	23.5	
					-													
GE	100001		19.5	19.5	19.5	19.5	3 G • 2	30.5	30.5	33+2	33.2	3 3 • 2	33.0	33.5	33.9	33.9	33.7	
C E	90001		19.5	19.5	19.5	19.5	30.2	30.5	30.5	33.2	33.2	3 2 . 2	33.6	33.6	33.9	33.9	13. ;	
G E	80001		19.5	19.5	19.5	19.5	30 o 2	3 g • 5	30.5	33.2	33.2	3 4 . 2	33.5	33.6	73.9	33.0	33.7	
GE	10001		19.5	19.5	19.5	19.5	30• 2	30.5	30.5	33.2	33.2	3 7 • 2	33.6	33.6	73.7	31.4	7.3. ·	
G F	60001		19.5	19.5	19.5	19.5	30 ∙ 2	30 • 5	30.5	33.2	33.2	3 5 . 7	11.6	37.5	33.9	33.9	₹3.9	
Gr	50001		19.8	19.8	19.8	19.8	30.5	30.9	30.9	33.6	33.6	33.6	13.9	33.9	34.2	34.2	34.2	
ιĒ	45001		19.8	19.8	19.8	19.8	30.5	30.9	30.9	33.6	33.6	37.6	33.9	33.7	34.2	34.2	34.2	
GE	40001		19.8	19.8	19.8	19.8	31.2	31.5	31.5	34.2	34.2	34	14.6	34.6	34.9	34.9	34.9	
GE	35 00 1		20-1	20.1	20.1	20.1	31.5	31.9	31.9	34.6	34.6	34.6	34.9	34.9	15.2	35.2	35.2	
G E	30001		21+1	21.1	21.1	21.1	32.6	32.9	32.9	35.6	35.6	35.6	35.9	35.9	16.2	35.2	16.2	
GE			2	24. 4	<b>5</b> 0	2		• • •					_					
6 E	2500  2500		24.8	24.8 27.5	24 • 8 27 • 5	24.8	37.2 40.9	37.6 41.3	37.6 41.3	43.6	40.6 45.3	47.6 45.3	40.9	40.9	41.3	41.3	41.3	
GE	18001		28.5	28.5	28.5		42.3	42.6	42.6	45.0 46.6	-		45.6	45.6	46.0	46.0	46.0 47.7	
GE	15001	. 3	31.5	31.5	31.5	28.5 31.5	47.7	_			47.0	47.0		52.7	53.3	53.0	53.0	
6 F	12001	• 3	36.6	36.6	36 • 6	36.6	6C.4	48.0 60.7	48.0 60.7	52.0 66.4	52.3	52.3 67.1	52.7 67.4	67.4	67.8	67.8	67.6	
Ьŧ	12001	• ,	,0.0	30.0	30 • 6	30.0	00.4	00.1	64, 1	60.4	67.1	6 ' • 1	61.4	67.4	01.0	67.6	67.6	
GE	10001	• 3	36.9	38.9	38 • 9	38.9	66.8	67.1	67.8	74.5	75.5	75.R	16.2	16.2	76.5	16.5	16.5	
GΕ	9001	. 3	39.9	39.9	39.9	39.9	68.5	68.8	69.5	17.5	78.5	74.3	79.2	79.2	79.5	19.5	79.5	
GF	P 00 I	• 3	41.3	41.3	41.3	41.3	73.2	73.5	74.2	87 + 2	43.2	81.6	93.9	93.9	R4.2	84.2	84.2	
GE	7001	• 3	42.3	42.3	42.3	42.3	74.5	74.8	75 · A	85.6	96.9	87.7	97.9	87.9	P8.3	88.3	P A . 3	
ΘĘ	6001	. 3	43. <sub>6</sub>	43.3	43.0	43.0	76.5	76 .8	17.9	88.3	89.9	90.7	90.9	90.9	91.3	91.3	91.3	
GE	5001	. :	43.3	43.3	43.3	43.3	76.2	78.5	79.5	90.3	97.3	92.5	23.3	23.3	93.6	73.6	93.6	
6.6	4001	. 3	43.3	43.3	43.3	43.3	80.9	81.2	92.2	93.3	95.3	95.6	97.3	97.3	97.7	97.7	97.7	
GE	3001	. 3	43.6	43.6	43.6	43.6	81.5	81.9	82.9	75.3	27.3	97.7	99.3	99.3	99.7	99.7	99.7	
6.6	2001	. 3	43.6	43.6	43.6	43.6	A1.5	81.9	82.9	95.1	97.3	97.7	94.3	99.3	99.7	99.7	99.7	
6 E	1001	. 3	43.6	43.6	43.6	43.6	81.5	81.9	82.9	94.3	97.3	97.7	99.3	99.3	99.7	100.0	100.0	
6.6	0.1	. 3	. 7 .	43.6	43.6	43.6	81.5	81.9	82.9	0.5	07.7			20. *	• • •		100.0	
		• •	43.6							95.1	97.3	97.1	99.3	99.3	99.7	100.0	100.0	
• • •				<b></b>		<b></b>					,		• • • • • • •				• • • • • • • • • •	

### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87

HONTH: JAN: HOURS.LSTI: G600-08C0

CEILING

VISIBILITY IN STATUTF MILES

IN GE GE GE GE GE GE GE GE GE GE GE

IN		GE	GE	GΕ	GE	G.E.	GE	G E	СE	3.0	GΕ	G E	61	GE	GE	GE	GE
FEE	, I	10	6	5	4	3	2 1/2	_	1 1/2		1	7/4	5/8	1/2	5/16	1/4	0
• • • •					•••••					••••		• • • • • • •	• • • • • • •		•••••		
40 C	EIL	• 3	16.8	16.8	16.8	16.8	21.9	21.9	55.5	22.6	22.6	27.6	22.6	22.6	22.9	22.9	22.9
SE 2	00001	. 3	17.2	17.2	17.2	17.2	22.6	22.6	22.9	23.2	23.2	23.2	23.2	23.2	23.6	23.6	23.6
5E 1	8000 l	• 3	17.2	17.2	17.2	17.2	22.6	22.6	22.9	23.2	23.2	23.2	23.2	23.2	23.6	23.6	23.6
5 E 1	10023	. 3	17.2	17.2	17.2	17.2	22.6	22.6	22.9	23.2	23.2	23.2	23.2	23.2	23.6	23.6	23.€
€ 1:	40001	• 3	17.2	17.2	17.2	17.2	22.6	22.6	22.9	23.2	23.2	27.2	23.2	23+2	23.6	23.6	23.0
6E 1	10002	• 3	17.2	17.2	17.2	17.2	22.6	22.6	22.9	23.2	23.2	23.2	23.2	23.2	23.6	21.6	23•€
6E 1	00001	. 3	22.9	22.9	22.9	22.9	12.0	32.0	32.3	33.3	33.3	33.3	33.7	33.7	34.0	34.0	74.5
E	90001	• 3	22.9	22.9	22.9	22.9	32.0	32.0	32. 3	33.3	73.3	33.3	33.7	33.7	34.0	34.0	34.0
i 3 i	80001	• 3	22.9	22.9	22.9	22.9	32 • C	32.0	32.3	33.3	33.3	32.2	33 - 7	33.7	14.0	34.0	34.0
٤	70001	• 3	22.9	22.9	22.9	22.9	₹2.0	32 • 0	32.3	33.3	13.3	37.3	33.7	53.7	34.0	34.0	14.L
E	Pu001	• 3	22.9	22.9	22.9	22.9	32 • D	32.0	32.3	33.3	33.3	3 7 . 3	53.7	33.7	34.0	34.C	34. Ú
	50001	. 3	22.9	22.9	22.9	22.9	32.0	32.0	32.3	33+3	33.3	37.3	33.7	33.7	14.0	34.0	:4.j
£ 1	45001	• 3	23.6	23.6	23.6	23.6	32.7	32.7	33.0	34.0	34.0	34 • C	14 . 3	34.3	34.7	34.7	34.7
	40001	• 3	23.6	23.6	23.6	23.6	3 3 • D	33.0	33.3	34.3	34 . 3	34.3	34 . 7	34.7	35.Q	35.0	35.0
	35001	• 3	23.6	23.6	23.6	23.6	33.0	33.0	33.3	34.3	34 . 3	34.3	14.7	34.7	35.C	35.0	35.0
E.	30001	• 3	24.6	24.6	24.6	24.6	34.3	34 • 3	34.7	35.7	35 • 7	3 . 7	36 • D	36.0	36.4	36.4	36.4
E i	25001	. 3	29.6	29.6	29.6	29.6	40.7	40.7	41.1	42.4	42.4	47.4	42.8	42.8	43.1	43.1	43.1
٤.	2 C D D	• 3	12.3	32.3	32 • 3	32.3	44.4	44.4	44.8	46.5	46.5	46.5	46.8	46 • 8	47.1	47.1	47.1
E	10001	. 3	33.3	33.3	33.3	33.3	45.8	45.8	46.1	47.8	48.1	44.1	48.5	48.5	48.8	4 4 . 8	48.A
	15001	• 3	34.7	34.7	34.7	34 . 7	48.8	48.8	49.2	50 • A	51.5	51.5	51.9	51.9	r 2 . 2	52.2	52.2
E	12001	. 7	41.1	41.1	41.1	41.1	6D.9	61.3	61.6	64.0	64.6	64.6	65.0	65 • n	65.3	65.3	65.3
	10001	. 7	44.1	44.1	44.1	44.1	67.7	68.0	68.4	12.4	73.1	73.1	73.4	73.4	73.7	73.7	73.7
E	0001	• 7	44.4	44.4	44.4	44.4	69.7	70.0	70 - 4	74.7	75 • B	75.A	76.1	76.1	76.4	76.4	7 t • 4
F	9001	. 7	45.5	45.5	45.5	45.5	73.1	73.4	73.7	80.1	91.8	8 I . P	82.5	82.5	92.8	82.A	P 2 . B
E	7001	• 7	47.1	47.1	47.1	47.1	79.B	80.1	80.5	87.9	R9.9	90.5	36.6	90.9	91.2	91.2	91.2
	6001	. 7	47.1	47.1	47.1	47.1	81.1	81.5	82.2	87.6	91.9	92.3	93.3	93.3	93.6	93.6	93.6
r	5001	. 7	47.1	47.1	47.1	47.1	A 2 . 2	82.5	83.2	90.9	93.3	93.6	94.9	94.9	95.3	95.1	95.3
Ē.	4001	. 7	47.5	47.5	47.5	47.5	83.6	84.2	84.8	93.6	96.7	95.1	97.6	97.6	98.0	9 R . C	9 A . C
E	3001	• 7	47.5	47.5	47.5	47.5	84.5	84.8	85.5	94.6	97.0	97.3	28.7	98.7	99.3	99.3	99.3
Ē	2001	. 7	47.5	47.5	47.5	47.5	84.8	85 • 2	85.9	94.9	97.3	97.6	79.0	99.0	99.7	107.0	100.0
:	1001	• 7	47.5	47.5	47.5	47.5	84.8	85 +2	85.9	94.9	97.3	97.6	99.0	99.0	99.7	160.0	100.0
F	21	. 7	47.5	47.5	47.5	47.5	84.8	85.2	85.9	94.9	97.3	97.6	99.0	99.3	99.7	100.0	100.0

# PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM FOUNLY OBSERVATIONS

CTATION NUMBER - 24 OF TO CTATION NAME - 14 NOVEDAD II

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR									PERIOD OF PECORD: 78-87								
										HONTH	: JAN	HOURS	(LST):	0900-11	23		
		• • • • • •		• • • • • •	• • • • • •						•			• • • • • •	• • • • • • • • • •		
CEILING								IN STATE									
IN   GE FEET   10	GE	G E 5	G E 4	GE,	C.E	G E	6r	66	G F.	5E 374	61 578	GE 1/2	6F 5/16	GE	ti E		
					2 1,2		1 1/2		1					1/4	.3		
	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • •		• • • • • • •	• • • • • •	••••			• • • • • • •						
NO CEIL	16.7	16.7	17.1	17.1	23.4	23.4	23.4	23.A	23.8	€*•¤	23.8	23,8	23.8	21.A	23.8		
6E 200001	16.7	16.7	17.1	17.1	23.4	23.4	23.4	23.8	24.2	24.2	24.2	24.2	24.2	24.2	24.2		
GE 180001	16.7	16.7	17.1	17.1	23.4	23.4	23.4	23.8	24.2	24.2	24.2	24.2	24.2	24.2	24.2		
GF 160001	16.7	16.7	17.1	17.1	23.4	23.4	23.4	23,A	24.2	24.7	24.2	24.2	24.2	24.2	24.2		
GE 14000	16.7	16.7	17.1	17.1	23.4	23.4	23.4	23.B	24.2	24.2	24.2	24.2	24.2	24.2	24.2		
GE 12000]	16.7	16.7	17.1	17.1	23.4	23.4	23.4	23.8	24.2	24.7	24.2	24.2	24.2	24.2	24.2		
6F 100001	22.3	22.3	22.7	22.7	32.7	32.7	32.7	33.5	33 • B	33.8	34.2	34 . 2	14.2	34.2	34.2		
GE 90001	22.3	22.3	22.7	22.7	32.7	32.7	12.7	33.5	33.8	3 7 . 8	34.2	34.2	34.2	34.2	14.		
GF 8(00)	22.3	22.3	22.7	22.7	32.7	32.7	32.7	33.5	33.8	33.A	34 . 2	34.2	14.2	34.7	34.2		
GF Inpol	22.3	27.3	22 • 7	22.7	32.7	32.7	32.1	33.5	33.8	31.8	34.2	34.2	34.2	34.2	34.2		
6E 6700	22.7	22.7	23.0	23.0	33.1	33.1	33.1	33.9	14.2	34.2	34.6	34 • 6	14.5	34.6	34.6		
GE 50001	72.7	22.7	23.0	23.0	33.1	33.1	33.1	33 • A	34 . 2	34.2	34.6	34.6	74.6	34.6	34.6		
GE 45001	22.7	22.7	23.0	23.0	33.1	33.1	33.1	33.B	34.2	34	34 . 6	34.6	14.6	34.6	34.€		
6E 43001	23.0	23.0	23.4	23.4	₹3.8	33.9	33.8	34.6	34.9	34.9	35.3	35.3	15.3	35.3	35.3		
0E 3500)	23.4	23.4	23.8	23.8	34.2	34.2	34.2	34.9	15.3	35.3	35.7	35.7	35 • 7	35.7	35.7		
6E 30001	23.8	23.8	24 + 2	24.2	34.9	34.9	34.9	35.7	76 • 1	36.1	36.4	36.4	36.4	36.4	36.4		
UE 55001	26.4	26.4	26 .8	26.8	39.0	39.0	39.0	43.5	40.9	41.3	41.6	41.6	41.6	41.6	41.6		
6r 2000)	27.9	27.9	28 • 3	24.3	41.6	41.6	41.6	43.5	43.9	44.2	44.6	44.6	44.6	44.6	44.6		
6 1 1 1 0 0 1	79.0	29.0	29.4	29.4	43.5	43.5	43.5	45.4	45.7	45.1	46.5	46.5	46.5	44.5	46.5		
GF 15001	51.6	31.6	32.0	32 • 0	48.7	49.7	49.7	50.9	51.7	52.0	52.4	52.4	52.4	52.4	52.4		
GE 17.01	37.2	37.2	37.5	37.5	61.7	61.7	61.7	64.7	65.4	65.0	66.2	66.2	66.2	66.2	66.2		
GF 1000]	40.1	40.1	40.5	40.5	67.3	67.3	68 • D	71.7	72.9	71.6	74.0	74.0	74.0	14.3	74.C		
ଜଣ ବ୍ଷଧ	41.6	41.6	42.0	42.0	70.6	70.6	71.4	75.5	76.6	77. 1	77.7	77.7	77.7	77.7	77.7		
61 8661	43.1	4 7 . 1	43.5	43.5	73.6	73.6	74.3	19.2	A ( . 3	81.0	R1.4	R1.4	P1.4	61.4	81.4		
5E 7001	44.2	44.2	44.6	44.6	78.4	78.4	79.2	85.5	R7.0	84.1	94.4	88.3	P8.8	98.8	98.8		
GE 6001	45.4	45.4	45.7	45.7	91.8	81.8	82.5	90.0	01.4	92.6	93.3	93.3	93.3	91.3	93.3		
SE FOCI	45.7	45.7	46.1	46.1	A2.9	82.9	A 3.6	91.A	03.3	94.4	95.2	95.2	95.2	95.2	95.2		
6E 4001	46.1	46.1	46 - 5	46.5	84.0	84.0	84.8	94.1	25.5	97.0	97.8	97.8	97.8	98.1	98.1		
GE *UOI	46.1	46.1	46.5	46.5	A4. 8	84.8	85.5	95.5	97.€	94.5	99.3	99.3	99.3	99.6	99.6		
6f 2001	46.1	46.1	46.5	46.5	84.8	84.8	85.5	95.5	97.0	98.5	99.3	99.3	99.3	97.6	99.6		
e t 1001	46.5	46.5	46.9	46.8	45.1	85.1	A5.9	95.9	97.4	98.0	34.6	99.6	99.6	100.0	100.0		
66 31	46.5	46.5	46 • B	46 8	85.1	85 • 1	<b>95.9</b>	95.9	97.4	94.9	99.6	99.6	59.6	130.0	100.0		

GLOBAL CLIMATOLOGY BRANCH USAFETAC

### PERCENTAGE FREQUENCY OF OCCURPTIONS OF SETULING VEHICLS VEHILLTY FROM HOUSEY OBSERVATIONS

AIR WEATHER SERVICE/MAC

PERIOD OF RECORDS 78-87 STATION NUMBER: 260630 STATION NAME: LENINGRAD USSE MONTH: JAN HOURSTESTE: 1200-1400 VISIBILITY IN STATUTE MILES GE GE GE GE ) † F | | 6 E | 1 CEILING | GE G.E GF & GE S G E 4 5 E GE 1/2 6E 6r 6E 2 1 1/7 1 1/4 GE ı ı f FEET | 10 5/8 1/7 4/16 1/4 22.9 NO CEIL I 14.4 14.4 14.4 20.8 20.8 21.1 22.5 2 . 0 22.8 22.9 25.5 25.5 25.5 25.5 25.5 25.5 2 6 . 6 7 6 . 7 2 6 . 5 - 6 . 5 25.0 GE 200001 15,4 15,4 15,4 15.4 23.5 23.5 23.8 25.2 25.5 25.5 25.5 25.5 25.5 25.5 25.6 25.5 26.6 25.2 15.4 15.4 15.4 15.4 15.4 23.5 23.5 23.5 GE IBCOOL 23. A 25.2 26.5 25.5 23.8 25.5 GE 160001 14000 23.5 25.5 15.4 15.4 15.4 15.4 23.5 23.8 6E 12000 15.4 15.4 ! ? . F 77. 37.2 11.6 GE Icrost 21.5 21.5 21.5 21.5 34 - 2 34.2 34.6 37.6 37.6 37.6 37.6 11.6 37•2 37•2 37.6 37.6 37.6 9000 21.5 21.5 21.5 21.5 34.2 34.6 77.6 G E 17.1 27.0 21.5 37.4 G F 80001 21.5 21.5 21.5 34.2 34.2 34.6 34.2 34.2 34.6 21.5 7000 21.5 21.5 37.2 17.9 17.5 ٠,,, 17.9 11.9 5rucl 34.6 37.0 GΕ 21.8 21.8 21.8 21.8 34.6 34.9 37.6 37.9 11.4 77.4 4.08 40.6 :7.. ::.: 45001 34.6 34.6 37.6 17.9 11.9 17.4 21.8 GE 21.8 21.8 21.8 37.6 4500 I 3500 I 36 • 2 37 • 2 39.3 40.3 17.6 19.4 14.6 22.8 22.8 72.8 22.8 56.2 36 . 6 39.6 40.6 40.6 40.6 40.0 23.5 23.2 23.2 23.2 GF 37.2 37 . 6 40.9 47.4 40.9 37.6 44.0 48.7 57.3 25001 76.5 26.5 42.3 42.3 42.6 45.3 46...1 44.3 ui. 4A.3 49.0 10.3 14.0 28.2 29.9 49.0 40.0 u = . 19000 [ 27.2 28.2 47.3 48.L 6.1 27.9 44.3 44.3 44.6 49.3 50.0 57.3 29.5 29.5 46.0 46.0 46.3 29.9 6 E 32.6 38.6 32.6 38.5 49.3 54.7 G E 15001 49.3 49.7 53.0 53.7 54.0 44.3 61.7 62.1 (, F 62.4 67.4 10001 43.3 40.6 67.4 68.5 74.8 76.2 16.00 11.0 35.2 ٠... 40.6 11.4 9021 8001 70.8 72.5 83.5 83.3 81.4 84.4 81.9 84.9 a . . . #2.2 #5.2 F. . . . 6 F 41.3 41.3 41.6 41.6 70.5 71.5 18.0 PD . 2 82.6 41.5 41.8 41.t 41.6 71.2 81.2 GE 72.1 75 . 8 76 . 8 я7.. 1601 1 , ه ج 37.44 ۰0 **.** ۱ 91.3 93.3 6,5 6001 41.6 91.6 41.4 41. 4 76.5 77.9 87.6 . 4 . . 91.3 5001 91.9 41.9 42.3 42.3 78.2 70.5 79.5 43.6 94.7 ٠٨. ١ 46.1 97.0 47... 95.5 G F 400 41.9 41.9 42.3 42.3 FU. 2 80.5 81.5 93±0 95.6 98.7 20.7 22.3 45.1 94.3 80.9 41.9 41,9 42.3 42.5 AC. 5 96.0 96.0 99.0 49.7 99.1 1, \$ 3301 81.9 93. 1 99.0 99.7 97.3 49.0 99.7 94.7 49.7 44.7 6. 91.3 2001 81.9 30.5 42.3 96.0 43.0 1001 41.9 99.7 ^ t 4.2 - 4 37.7 6 E 42.3 42.6 42.6 4 . 9 81.7 82.2 93.6 26.3 ag t 99.3 100.0 100.0 100.0

# PERCENTAGE FREQUENCY OF OCCURPTNOF OF CEILING VERSUS VISIGILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR											PERIOD OF RECORD: 78-87 MONTH: JAN, HOURSTLETT: 150,5-1700						
	LING		• • • • • •	• • • • • • •		• • • • • • •	•••••			IN STATE			• • • • • • •			• • • • • • •	• • • • • • • • • • • • • • • • • • • •
I FE	N I ET I	GE 10	66	6 E 5	GE 4		GE 2 1/2	e E	GF 1 1/2	GE 1 1/4	6 f 1	GE 3/4	G! 5/9	6E 172	6F */15	6. 174	(d
N 0	CEIL I		14.6	14.6	14.6	14.6	72.9	22.9	23.3	24.3	24.6	24.5	24.6	24.5	24.5	24.6	24.8
	200001		15.3	15.3	15.3	15.3	25.2	25.2	25.6	25.9	27.2	27.2	27.2	21.2	27.2	27.2	27.2
	180001		15.3	15.3	15.3	15.3	25.2	25.2	25.6	26.9	21.2	21.2	21.2	21.2	27.2	. 7	21.2
	160001		15.3	15.3	15.3	15.3	25.2	25 • 2	25.6	26.9	21.2	27.2	21.2	21.2	21.2	27.2	21.2
	140001		15.3	15.3	15.3	15.3	25.2	25.2	25 • 6	26.9	21.2	27.2	21.2	21.2	21.2	27.2	: 1 • i
G E	120001		15.3	15.3	15.3	15.3	25.2	25.2	25.6	26.9	27.2	27.2	21.2	27.2	21.2	27.2	21.2
GE	100001		23.3	23.3	23.3	23.3	38.9	39.2	39.5	40.9	41.2	41.7	41.5	41.5	41.5	41.5	4 1 4 5
	90001		23.3	23.3	23.3	23.5	38.9	39.2	39.5	40.9	41.2	41.2	41.5	41.5	41.5	91.5	41.5
GE	80001		23.3	23.3	23.3	23.3	38.9	39.2	39.5	40.9	41.2	41.2	41.5	41.5	41.5	41.5	41.5
GE	70601		23.3	23.3	23.3	23.3	38.9	39.2	39.5	40.9	41.2	41.2	41.5	41.5	41.5	41.5	41.4
GĒ	60001		23.3	23.3	23.3	23.3	38.9	39.2	39.5	40.9	41.2	41.7	41.5	41.5	41.5	41.5	41.5
G E	50001			23.3	23.3	23.3	39.2	39.5	39.9	41.2	41.5	41.5	41.9	41.9	41.9	41.9	41.9
G F	45001		23.3	23.3	23.3		19.5	39.9	40.2	41.5	41.9	41.9	42.2	42.2	42.2	4.2.2	•
GE	40001		24.6	24.6	24.6	24.6	4C. 9	41.2	41.5	42.9	43.2	47.7	43.5	43.5	43.5	1 2 5	42.5
GE	35001		24.6	24.6	24 • 6	24.6	41.2	41.2	41.9	43.2	43.5			43.9	43.9	41.9	43.9
GE	30001		24.6	24.6	24.6	24.6	41.2	41.5	41.9	43.5	43.9	4 2 . 5	43.9	44.7	44.2	44.2	44.2
O L	30001		74.0	24.0	24.0	24.0	71.2	71.00	71.7	73.1	43.7	•	44.	44,7	44.2	44.6	44.7
GE	25001		29.6	29.6	29.6	29.6	48.2	44.5	48.8	50.5	50.8	57.9	51.2	51.2	51.2	51.0	11.7
GΕ	20001		30.6	30.6	30.6	30.6	50.5	50.8	51.2	53.2	53.5	5 7 . 5	53.A	51,8	53.4	5 t . A	53.8
ÚΕ	1900[		31.6	31.6	31.6	31.6	52.5	52.8	53.2	55.5	55.8	55.8	56 - 1	56.1	1 • ن≥	56.1	56.1
GE	15001		33.9	33.9	33.9	33.9	56+8	57.1	57.8	60.1	60.5	67.5	6n.8	63.8	60.8	60.8	66.8
e E	12001		43.2	43.2	43.2	43.2	72.1	72.8	73.4	7 R . 4	78.7	79.7	79.4	79.4	79.7	12.7	79.7
G.F	1cosl		44.9	44.9	44.9	44.9	77.4	78 - 1	78 - 7	94.1	94.4	84.7	A5.4	95.4	P5.7	8 ° . 7	A 5 . 7
G F	9001		45.8	45.8	45.8	45.8	79.4	80.1	80.7	86.4	87.C	87.4	PB.3	88.0	PA . 7	HA.7	PF . 7
G.F	1009		45.8	45.R	45.8	45.8	86.4	81.1	81.7	87.7	AB . 4	88.7	89.7	89.7	90.4	90.4	75.4
6.8	7001		46.8	46.8	46.8	46.8	82.7	83.4	84.1	90.7	91.4	91.7	93.4	93.4	94.4	94.4	94.4
6 F	6001		46.8	46.8	46.8	46 • A	83.1	83.7	84.4	91.7	92.4	93.0	94.7	95.0	96.3	96.0	96.0
G E	E no !				4.4 0		6.1	0.6	0.0			0.6	64	04	07.	0.7.	
G E	5 00 l 4 00 l		46.8 46.8	4 6 . A	46 • B	46.8	83.7	84.4	85.0	92.7	93.7	94.4	96.0	96.3	97.3	97.3	97.3
GE	3001		46.8	46.8 46.8	46 • 8 46 • 8	46.8 46.8	84.4 84.7	85.0 85.4	85.7 86.0	93.4	94.4	95.7	97.3	97.7	99.0	99.0	99.0
G E	2001		46.8		46 • 8	46.8	84.7	85.4	86.0	93.7	94.7	96.3 96.3	98.J	98.3	99.7	99.7	99.7
6.6	1001		46.8	46.8 46.8	46.8	46.8	84.7	85.4	86.0	93.7	94.7	94.3	98.3	98.7 98.7	170.0	100.0	100.0 100.0
							.,	u , • 4	,,,,,	, , , ,	,	,	, · ,	, 0 . ,		.00.0	
ĢΕ	ומ		46.8	46.8	46.8	46.8	84.7	85.4	96.0	93.7	94.1	96.3	98.3	98.7	100.0	100.0	100.0

#### PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VICIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 26063C STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-8 7 MONTH: JAN HOURSILSTI: 1800-2000 VISIRILITY IN STATUTE MILES
6E GE GE GE GE GE
2 1 1/2 1 1/4 1 3/4 CEILING IN | FEET | GF 4 GE SE GE 5 1/16 10 3 2 1/2 5/8 1/2 1/4 24. 9 NO CEIL ! 15.9 16.3 16.3 Gr 200001 15.9 25.2 25.2 25.6 27.6 27.9 27.0 27.9 27.9 27.9 27.9 27. . 15.9 16.3 16.3 21.9 21.9 21.9 21.9 25.2 27.4 21.9 27.2 21.9 21.2 27.9 27.9 15.9 15.9 25.2 25.6 GE 18COCI 16.3 16.3 27.7 27.9 GE 160001 GE 140001 15.9 15.9 25.2 25.6 25.6 27.6 27.3 27.9 16 • 3 16.3 25.2 25.2 25.2 16.3 16.3 GE 12000 21.7 27.4 39.5 59.5 GE 100001 19.9 19.9 2g · 3 20 · 3 38.2 18.5 19.5 19.5 ta. 5 20.3 33.9 33.9 14.6 39.5 38.2 38.2 38.2 18.5 18.5 38.5 38.5 38.5 78.5 38.5 ٠, , ه 33.9 10008 19.9 19.9 33.9 34.6 GĒ 20.3 19.9 30.5 58.5 19.5 20.3 33.9 38.5 20.3 33.9 GF 70001 19.9 33.9 34.5 38 . 5 34.6 18.5 GE 79.9 79.5 43.5 14.5 78.3 50001 20.3 20.3 20.6 29.6 34.2 34.2 34.9 38.5 38.9 34.9 16.9 3A.9 20.6 21.3 21.6 39.2 59.5 30.E 47.5 47.0 ٠,, د G E 20.3 20.3 35.2 19.4 45001 20 . 6 34.6 34 .6 39.5 34.5 35.5 35.9 40001 21.3 35.5 36.2 40.2 40.5 47.5 40.5 40.5 47.0 47.0 21.3 36 • 5 38 • 5 45.9 tront 21.3 15. 0 40.5 40.9 40.9 40.9 41...9 42.9 42.9 30001 22.9 37.9 49.8 GE 25001 27.2 43.9 43.9 44.5 48.5 48.P 49.4 48.8 49.8 46,6 26.9 26.9 27.2 28.9 28.9 30.9 G F 10002 28.9 29 . 2 29.2 46.5 46.5 47.2 51.2 51.5 51.6 51.5 51.5 51.5 51.5 1,5 28.9 30.9 57.8 52.5 57.8 GE 18001 29.2 31.2 47.2 52.5 47.2 47.8 53.2 51.8 57.1 52.5 52.5 57.8 75.4 12001 39.5 69.1 75.7 76.1 7 e . 1 10001 82.7 A 4 - 7 GE 42.5 42.5 42.0 42.9 75.7 76.1 76.7 P4 . 1 84.1 R4 . 4 84.4 84.7 84.7 42.9 43.2 43.2 43.2 85.7 A5.7 43.2 77.4 96.3 86.3 96.4 F 6 . 4 6 E 9001 78.1 84.4 86.4 77.1 GE 9001 42.9 42.9 43.2 78 · 1 79.4 81.1 79.1 81.7 85.7 89.0 87.0 87.4 72.0 67.7 87.C 87.4 A7.7 97.7 92.4 92.4 90.4 92.0 GE 600 43.5 43.5 93.7 5001 43.9 43.9 83.7 84.1 84.7 92.7 94.4 94.7 96.7 94.7 96.1 44.5 44.2 44.2 44.5 95.3 95.7 Ģ€ 4001 94.4 84.7 85.4 93.4 97.7 97.7 98.3 93.3 98.3 3001 44.5 44.5 44.9 44.9 85.0 85.4 86.0 94.7 96.3 78.7 98.7 99.3 99.3 99.5 85.7 96.7 99.0 G F 2001 44.5 44.5 44.9 44.9 A5.4 86.4 94.4 96.0 99.0 39.1 99.7 99.7 01 86.4 44.5 44.5 44.9 85.7 94.4 76.3 97.0 99.3 99.3 100.0 100.0 100.0 85.4

#### PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIPILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 250630 STATION NAME: LENINGRAD LSSR

PERIOD OF MECORD: 78-87

MONTH: JAN HOURS (LST): 2100-2300 CEILING VISIBILITY IN STATUTE MILES IN | GE FEET | 13 GE GE GE GE GE 3 2 1/2 GE GF GE 2 1 1/2 1 1/4 61 7/4 G£ 5E 1/2 υΕ •/16 10 1 1/4 r: NO CETE I 17.2 17.2 17.2 17.2 23.6 24.0 24.3 17.6 0E 200C01 17.6 17.6 17.6 25 • 3 25 • 3 25 • 3 25.3 25.3 25.3 25.3 24.7 24.7 25.0 25.7 26.7 . . . . 25.7 25.7 GE 180001 25.7 25.7 25.7 25.7 25.7 25.7 25.7 17.6 17.6 24.7 25.3 17.6 17.6 24.7 25.0 25.7 . . . 7 GE 160001 17.6 17.6 17.6 17.6 24.7 25.0 25.7 25.7 24.7 24.7 25.0 25.3 25 . 3 GE 12rool 17.6 17.6 24.7 25 . 3 24.7 25.0 25.7 25.7 6E 100001 22.6 22.6 22.6 22.6 33.4 34.1 36.1 76.5 36 . r 36 . H 36 . B 36 . B . . . . 36 . 9 37.2 37.2 37.2 GF 90001 22.6 22.6 22.6 22.6 13.4 34.1 36.5 36.5 \*7.2 \*7.2 \*7.2 36.1 36.5 36.8 36.8 36.8 11.3 80001 22.6 22.6 22 • 6 22 • 6 22.6 22.6 22.6 33.4 33.4 34.1 36.1 34.5 10001 36.1 36.5 36.5 22.6 34.1 22.6 22.6 33.4 36 . 5 36.5 36 . 9 GE 50001 22.6 22.6 22.6 22.6 34.1 34.1 34.8 37.2 37.5 17.5 37.A . . . 57 • 9 37 • 8 GF 45001 22.6 22.6 22.6 22.6 34.1 34.1 34.8 37.2 37.5 78.9 37.5 17.A 18.2 \$9.2 39.5 16. 4000 I GE 23.6 35 • 5 35 • 8 35.5 35.8 38.9 23.6 36 • 1 38.5 59.2 39.2 14.5 35 nn l 39.2 39.5 36 • 5 38.9 39.5 19.9 14.3 30001 25.0 25.0 25 • n 40.9 25001 20001 G E 27.4 27.4 27.4 27.4 4C. 2 40.2 40.9 43.2 43.6 4 7 . 6 43.9 43.9 44.3 29.1 29.7 32.8 46.6 48.0 52.4 29.1 29.1 42.6 42.6 43.2 45.9 46.3 46.3 46.6 47.0 4 7 . 0 47.0 10001 29.7 32.6 44.3 48.3 64.9 G E 29.7 29.7 47.3 47.6 47.6 4ª.3 5:.7 43.6 44.3 48.5 32.8 32.8 47.6 52•D 70•9 52.0 7n.9 52.4 12001 18.2 38.2 71.3 71.3 71.6 71.5 71.6 10001 G F 40.5 40.5 40.5 40.5 69.9 70.9 79.7 19.1 78.7 79.1 75.1 87.4 G F 9001 41.2 71.3 75.7 71 · 3 75 · 7 41.2 41.2 72.3 78.7 79.7 19.7 1.08 PO.4 F0.4 6 E 8001 42.9 42.9 76.7 82.4 84.8 R5.1 85.1 85.5 83.4 64 . A 85.5 6.5 7001 93.2 43.2 43.2 43.2 91.4 90.9 91.2 91.2 91.5 91.6 91.6 43.2 43.2 82.4 82.4 83.4 91.2 92.6 92.6 93.2 GE 5:101 43.6 43.6 83.4 43.6 43.6 84.5 92.2 93.6 83.4 91.6 95.3 95.3 95.6 95.6 95.6 94.3 44.3 44.3 44.3 44.3 R5.5 6 F 4001 85.5 95.9 95.7 97.6 86.5 97.6 98.3 98.0 98.0 3001 97.6 97.6 97.6 86.8 87.8 99.3 99.7 GF 2001 44.3 44.5 44.3 44.3 99.3 99.1 99.7 99.7 99.7 1001 44.3 97.6 44.3 44.3 44.3 86.8 86.8 A 7 . A 97.6 106.0 G F 0.1 44.5 95.9 44.3 96.8 86 .8 97.8 97.6 97.6 99.3 99.3 99.7 99.7 100.0

## PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR										PERIOD OF RECOPD: 78-87							
												MONTH	. JAN	HOURS	ILST1:	ALL	
		• • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • •	•••••						• • • • • •	• • • • • • •	• • • • • •	• • • • • •	
CEIL		66	cr							IN STATE							
IN FEE		GE 10	GE 6	GE 5	GE 4	GE 3	GE	GE	GE	GE	GE	G.E.	G f	GE	GE	GF	6E
								2		1 1/4	1	3/4	5/8	1/2	5/16	1/4	S
• • • •	• • • • • •	• • • • •	• • • • • • • •		• • • • • • • •	• • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •			• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
NO C	£1r	• 0	15.5	15.5	15 • 6	15.6	22.0	22.1	22.3	23.3	23.4	23.4	23.5	23.5	23.6	23.6	23.6
GE 2	aa aa I	• 0	16.0	16.0	16 • 1	16.1	23.2	23.3	23.5	24.6	24.7	24.7	24.8	24.8	24.9	24.9	24.9
	80001	• 0	16.0	16.0	16 • 1	16.1	23.2	23.3	23.5	24.6	24 . 7	24.7	24.8	24.8	24.9	24.9	24.9
G E 1	60001	• 0	16.0	16.0	16 - 1	16.1	23.2	23.3	23.5	24.6	24.7	24.7	24.8	24.8	24.9	24.9	24.9
	4robi	.0	16.0	16.0	16 • 1	16.1	23.2	23.3	23.5	24.6	24.7	24.7	24.8	24.9	24.9	24.9	-4.7
	20001	• 0	16.0	16.0	16 • 1	16.1	23.2	23.3	23.5	24.6	24.7	24.7	24.8	24.8	24.9	24.9	54.4
				-						-							
6 € 1	10000	• 0	21.3	21.3	21.4	21.4	33.0	33.2	33.5	35.7	35.9	35.9	36.3	36.3	36.4	36.4	36.4
	90001	• 0	21.3	21.3	21.4	21.4	33. O	33.2	33.5	35.7	35.9	35.9	36.3	36 • 3	36.4	36.4	16.4
G.F	arooi	• 0	21.3	21.3	21.4	21.4	33.0	33.2	33.5	35.7	35.9	35.0	36.3	36.3	76.4	36.4	₹6.4
GE	70001	• 0	21.3	21.3	21.4	21.4	33.0	33.2	33.5	35.7	35.9	35.2	36.3	36.3	36.4	36.4	16.4
3.0	60001	• C	21.3	21.3	21.4	21.4	33.1	33.3	33.6	35.8	36.0	36.0	36.4	36.4	₹6.5	34.5	36.5
							•										
6 E	50001	• 0	21.5	21.5	21.5	21.5	33.3	33.5	33.9	36.1	36 . 3	36.3	36 + 7	36 • 7	36 • 8	36.8	36.8
GE	45001	• 0	21.6	21.6	21 • 7	21.7	33.6	33.8	34.1	36.4	36 . 6	36.6	37.0	37.0	37.1	37.1	37 • 1
GE	40001	• 0	22.1	22.1	22 • 2	22.2	34.5	34 • 7	35.0	37.3	37.5	37.5	37.9	37.9	38.0	39.0	₹8.0
GE	35001	• 0	22.3	22.3	22 • 4	22.4	34.8	35.0	35.3	37.7	37.9	37.9	38.2	38.2	38.4	39.4	78.4
GΕ	30001	• C	23.0	23.0	23.1	23.1	35.8	35.9	36.3	38.7	38 . 9	38.9	39 . 2	39.2	19.3	39.3	39.3
	2500	• 0	26.7	26.7	26 • 8	26.8	40.8	41.0	41.3	43.9	44.1	44.7	44.6	44.6	44.7	44.7	44.7
	50001	• 0	28.9	28.9	29 • 1	29.1	43.9	44.1	44.4	47.3	47.6	47.7	48.0	48.0	48.2	49.2	40.2
	1800	• 0	29.9	29.9	30 ∙ ∪	3ŋ.o	45.4	45 • 6	45.9	48.9	49.4	40.4	49.8	49.8	50.0	50.0	50.0
	15001	• 1	32.4	32.4	32 • 5	32.5	49.9	50,1	50.5	53.6	54 • 2	54.2	54.6	54.6	54.8	54.A	54.8
GE	12001	• 1	39.0	39.0	39 • 1	39.1	64.4	64.8	65.3	69.9	70.5	70.6	71.2	71 + 2	71.5	71.5	71.5
G E	10001	• 1	41.3	41.4	41.5	41.5	70.3	70.7	71.4	17.0	77.9	78.1	78.8	78.A	79.1	79.1	79.1
GE	9001	: i	42.1	42.1	42.2	42.2	72.3	72.7	73.4	79.5	8p • 5	80.7	91.5	01.5	P1.8	81.8	91.8
GE	RUDI	. 1	42.9	42.9	43.1	43.1	75.0	75.4	76.1	82.8	93.9	84.7	85.1	85.1	85.4	85.4	85.4
GE	7001	·i	43.7	43.7	43.8	43.8	79.1	79.5	80.2	87.8	89.1	89.5	90.8	90.8	91.2	91.2	91.2
G E	6001	. 1	44.0	44.1	44.2	44.2	80.5	80.9	81.7	89.9	91.5	97.2	93.4	93.4	93.8	93.8	93.8
0.2	300,	• •	, ,,,				****	00.,	01.	0,1,		** • :	73.4	73.4	43.0	73.0	* J* 0
GE	5001	. 1	44.3	44.3	44.4	44.4	81.7	82.1	82.9	91.5	93.2	93.7	95.3	95.3	95.7	95.7	95.7
GE	4 30 l	• 1	44.5	44.5	44.6	44.6	83.3	83.8	84.6	93.6	25.3	96.0	97.1	97.9	98.3	98.3	98.3
GΕ	? oo l	. 1	44.6	44.6	44.8	44.8	94.0	84.5	85.3	94.7	96.5	97.2	99.0	99.0	99.5	99.6	99.6
GE	2001	. 1	44.6	44.6	44.8	44.8	84.1	84.5	85.3	94.9	96.6	97.3	99.1	99.2	99.7	97.7	99.7
GE	1001	• 1	44.6	44.7	44.8	44.8	84.2	84.6	85.4	94.9	96 • 6	97.3	99.2	99.2	99.7	99.8	99.9
	٠.						4										
GE	O I	• 1	44.7	44.7	44.9	44.9	84.2	84.6	85.4	94.9	96 • 7	97.4	99.2	99.3	99.8	99.9	100.0
	• • • • • •																

### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM FOURLY OBSERVATIONS

The Feather Sections

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR PERIOD OF RECORD: 78-87
MONTH: FEE HOURS(LST): DOON-OLIC

• • •				• • • • • • •		• • • • • • •							• • • • • • •		• • • • • • •		
CEI	LING							VISI	BILITY	IN STATE	PTE MIL	E 5					
1		GΕ	GE	Gr	GE	GE	GE	GΕ	GE	GF	GE	SE	G.F	G E	(»F	6.6	(-E
									1 1/2		1	7/4	5/8	1/2	5/16	1/4	
FE	ET	10	6	5	4	3	2 1/2	-	1 1/2	1 1/4		.,4	5/8	177	-/16	1/4	*
								<i>.</i>									
A: O	CEIL I		24.1	24.1	24.1	24.1	31.1	31.1	31,5	33.0	73.7	34.1	34.4	34.4	34.4	34.4	14.4
,,,,,	CEIF 1		2 4 . 1	24.1	24.1	24.1	2101	31.1	31,3	23.0	. 3 • 1	34 • 1	14.4	34.4	,4,4	,	
GE.	200001		24.8	24.8	24 • 8	24.8	32.2	32.2	32.6	34.4	₹5 • 2	35.6	35.9	35.9	75.9	35.9	7.5.
G F	100001		24.8	24.8	24 .8	24.8	32.2	32.2	32.6	34.4	₹5 • 2	35.6	75.9	35.9	75.9	31.3	
	160001		24.8	24.8				32.2	32.6	34.4	35.2	35.6	15.9	35.7	14, 9	76.0	15.5
					24.8	24.8	32 • Z										
G E	140001		24.8	24.8	24 • 8	24.8	32.2	32,2	32.6	34 • 4	35 • 2	35.6	35.9	35.9	15.9	1,00	3.50
GE	120001		24.8	24.8	24.8	24.8	32.2	32.2	32.6	34.4	35.2	₹5.6	35.9	35.9	75.9	34.9	14.4
											-	-					
ri F	100001		31.1	31.1	31 - 1	31.1	42.2	42.6	43.0	45.6	46.7	47.7	47.4	47.4	47.4	47.4	47.4
								_	-								
GE	90001		31.1	31.1	31 • 1	31.1	42.2	42.6	43.0	45.6	46.7	47.0	47.4	47.4	47.4	47.4	47.4
G E	8000l		31.1	31.1	31.1	31.1	42.2	42.6	43.D	45.6	46.7	47.0	47.4	47.4	47.4	47.4	47.4
ΘE	70001		31.1	31.1	31.1	31.1	42.2	42.6	43.0	45.6	46.7	47.0	47.4	47.4	47.4	47.4	47.4
υĒ	60001		71.1	31.1	31 • 1	31.1	42.2	42.6	43.0	45.6	46.7	47.0	47.4	47.4	47.4	4 7 . 4	47.4
O L	6.001			31.4	21.1	21.1	42.2	42.0	43.0	4,50	40.1	47.00	47.4	4, 4	47.4	4 .4	4 / • 4
								_			_	_		_			
GΕ	50001		31.5	31.5	31 + 5	31.5	42.6	43.0	43.3	45.9	47.0	47.4	47.8	47.8	47.A	47.9	41.4
6 E	45001		31.5	31.5	31.5	31.5	42.6	43.0	43.3	45.9	47.0	47.4	47.8	47.8	47.8	47.8	47.F
G E	40001		31.9	31.9	31.9	31.9	43.3	43.7	44.1	46.7	47.8	49.1	44.5	48.5	48.5	40.5	48.5
GE	35001		71.9	31.9	31.9	31.9	43.3	43.7	44.1	46.7	47.8	49.1	48.5	48.5	48.5	44.5	4 - 5
GE	3copi		32.2	32.2	32 • 2	32.2	44.1	44.4	44.8	47.4	48 • 5	- 44.9	49.3	49.3	49.3	49.3	49.3
GE	25001		34.8	34.8	34 . 8	34.8	47.8	48.1	48.5	51.1	52.6	53.0	53.3	53.3	53.3	53.3	53.3
G F.								-	51.1	53.7	55.2	55.6			5.9		
	2000		76.3	36 • 3	36 • 3	36 . 3	50.4	50.7					55.9	55.9		55.9	55.9
GΕ	15001		37.4	37.4	37.4	37.4	52.2	52.6	53.0	55.6	57.0	57.4	57.8	57.8	F.7.8	57.8	57.8
GE	15 an l		39.3	39.3	39.3	39.3	57.4	57.8	58.1	61.1	62.6	63.P	63.3	63.3	63.3	63.3	63.3
G.E	12001		43.7	43.7	43.7	43.7	66.3	66.7	67.0	70.0	71.5	71.9	72.2	72.2	72.2	12.2	12.2
0.0	2.00,			. , • .		. 3 .	0000			. 5 • 0		, ,			- • •		
GE									• • •	36 /						_	
	10001		45.9	45.9	45.9	45.9	71.1	71.9	12.2	75.6	77.4	17.8	78.1	78.1	78.1	78 • 1	78 • 1
GE	9001		46.3	46.3	46 • 3	46.3	71.9	72.6	73.D	76.7	78 • 5	72.7	79.5	79.3	79.3	74.3	79.5
G€	9001		47.0	47.0	47.0	47.0	74.8	75.9	76.3	81.1	83.3	83.7	84.1	84.1	P4 . 1	84.1	84.1
GΕ	7301		47.4	47.4	47.4	47.4	77.0	78.5	78.9	84.1	96 • 7	87.9	88.1	88.1	98.1	89.1	e 6 . 1
6 E																	
0.6	6001		47.8	47.8	47.8	47.8	79.3	80.7	81.1	86.7	A9.3	90.4	91.1	91.1	91.1	91.1	01.1
GE	5001		48.1	48.1	48 • 1	48.1	80.4	81.9	82.2	98.9	91.5	92.6	93.3	93.3	93,3	93.3	93.3
GE	4001		48.1	48.1	48.1	48.1	92.2	83.7	84.1	91.9	94.4	95.6	96.3	96.3	96.3	94.3	26.3
GE	2001		48.1	49.1	48.1		83.0		84.8	93.0	95.9	97.0	78.1	98.5	98.5	98.5	98.5
						48.1		84 • 4									
6 E	7001		48.1	48.1	48 • 1	48.1	A 3 • O	84.4	84.B	93.0	95.9	97.0	98.5	98.9	98.9	9,84	99.6
GE	1001		48.1	48.1	48 • 1	48.1	83. O	84.4	84.8	93.0	95.9	97.0	7 R . 5	98.9	99.3	99.3	100.0
											•						
G E	61		48.1	48.1	48.1	48.1	93. O	84.4	84.8	91.7	95.9	97.0	98.5	98.9	99.3	99.3	100.0
., .				717.0		-										•	•
• • • •	• • • • • • •	• • • • • •		• • • • • • •	• • • • • • •	• • • • • • •			• • • • • • •	• • • • • • •	• • • • • • •		• • • • • • •		• • • • • • •	• • • • • • •	• • • • • • • • • • •

# PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY FROM HOUGHY OBSERVATIONS

SI	ATION	NUMBER:	260630	STATI	ON NAME:	LENI	U CARDA.	SSR				0.0144	Ut DEC	0 PU: 78	~ A 7			
												HTWOM			(LST):			
	ILING	• • • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • •				IN STAT			• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	•
	IN	l GE	GE	GE	GE	GE	GE	GE	GF	6 f.	GE	. 66	5.6	GE	GE	5.8	1,1	
		1 10	6	5	4		2 1/2		1 1/2		1	7/4	578	1/2	5/16	1/4	° e	
N O	CEIL	1	23.6	23.6	23.6	23.6	28.7	28.7	29.5	32.7	33.1	31.1	33.8	33.A	+3.4	11.6	7.5.0	
r t	20000	,	25.1	25.1	25.1	25.1	30 • 2	30.2	30.9	34.2	34.5	34.5	35.3	35.3	75.3	35.1	16.1	
					25 • 1	25.1						34.6	35.3	35.3	15.3	35.3	11. 1	
	18:00		25.1 25.1	25 • 1 25 • 1			30.2	30 • 2	30.9	34.2	34.5		35.3	35.3	75.3	35.4	15.3	
	16000		25.1	25.1	25 • 1 25 • 1	25.1	30.2	30 • 2 30 • 2	30.9	34.2	34 + 5	34.5	35.3		15.3	35.3	*5.3	
	12000		25.1		25 • 1		30.2	30.2	30.9 30.9	34.2	34.5 34.5	34.5 34.5	35.3	35 • 3 35 • 3	75.3	35.43		
G (	12663	•	27+1	25.1	23.1	25.1	30.2	30.2	,0.4	34.2	,4.5	34.7	3	33.0		,	75.43	
GE	10000	(	12.4	32.4	32 . 4	32.4	40.7	40.7	41.5	45.1	45.5	4 4	46.2	46.2	46.2	44.7	46	
GE	9000	)	32.4	32.4	32 • 4	32.4	40.7	40.7	41.5	45.1	45.5	45.5	46.2	46.7	46.2	46.2	46.2	
GE	8000	l .	32.4	32.4	32 . 4	32.4	40.7	40.7	41.5	45.1	45.5	45.5	46.2	46.7	46.2	46.2	46.0	
	700g		32.4	32.4	32.4	32.4	40.7	40.7	41.5	45.1	45.5	45.5	46.2	46.2	46.2	46.2	4 6. 4 .	
GE	· 6C00	1	32.4	32.4	32 • 4	32 • 4	40.7	40.7	41.5	45.1	45.5	4	46.2	46.2	46.2	45.2	46.	
GE	5000	١	32.4	32.4	32.4	32.4	41.1	41.1	41.8	45.5	45.8	45.8	46.5	46.5	46.5	44.5	46.5	
GE			32.4	32.4	32.4	32.4	41.5	41.5	42.2	45.8	46.2	46.7	46.9	46.9	46.9	44.9	46.9	
6 E	4000	ĺ	33.5	33.5	33.5	33.5	42.5	42.5	43.3	46.9	47.3	47.1	4R.0	48.0	49.0	40.0	48.3	
GE	3500	1	33.5	33.5	33.5	33.5	42.9	42.9	43.6	47.3	40.0	48.0	48.7	49.7	48.7	49.7	44.7	
G F	3000	I	34.2	34.2	34.2	34.2	43.6	43.6	44.4	48.0	48.7	49.7	49.5	49.5	47.5	40.5	49.5	
ÚΕ	2100	1	18.2	3 R + 2	38.5	3A.5	46.7	49.7	49.5	53.1	53.8	51.8	54.5	54.5	54.5	54.5	٠4.5	
6.5	-	•	38.9	38.9	39 . 3	39 • 3	49.8	49.8	50.5	54.9	56 • C	56.0	56.7	56.7	56 • 7	55.7	6.7	
GE			79.6	39.6	40.0	40.0	51.3	51.3	52.0	56.4	57.5	57.5	58.2	58.2	58.2	5.0	< P . 2	
GE			40.0	46.0	40.4	49.4	53.5	53.5	54.2	58.5	59.6	59.6	60.4	60.4	60.4	67.4	E U . 4	
G E			42.2	47.2	42.5	42.5	62.2	62.5	63.3	67.6	68.7	6 R . 7	69.5	69.5	69.5	69.5	69.5	
G E	1000		0.44 5:		44.4						70. 1	74. 6	•. •			., .		
6 E	1000 200		44.C	44.0 44.0	44.4	44.4	68• D 68• 7	68.4 69.1	69.1 69.8	13.5	74.5	74.5	75.3	75.3	75.3	75.3	75.3	
GE	800		44.0	44.7				_		74.5	76.4	76.4	77.1	77.1	77.1	77.1	77.1	
6 E	700		45.5	45.5	45 • 1 45 • 8	45.1 45.8	72.4 74.9	73 • 1 75 • 6	73.8	78.5	ng.1	81.1	A2.2	82.2	P2 • 2	82.2 57.3	A2.5	
G.F	600		45.8	45.8	46.2	46.2	76.D	76.7	76.7 77.9	83.3 85.1	45.5 48.0	66.2 88.7	A7.5	87.3 89.9	97.3	89.8		
0.	1100	'	7 14 0	43.0	40.2	40.2	16.0	10.1	77.7	0.0 • 1	70.0	н • /	H 4 . H	44.4	PV.8	9.4*	90.2	
G E	500	į.	46.9	46.9	47.3	47.3	79.3	80.C	81.1	8 . 7	91.6	92.4	91,5	93.5	23.5	91,5	91.4	
Ģ.€	4 6 0	-	46.7	46.9	47.5	47.3	91.1	81.8	82.9	92.0	94.9	45.6	96.7	96.7	96.7	96.7	97.1	
9 F	700		46.9	46.9	47.3	47.3	81.1	81.8	82.9	92.7	95.6	96.4	97.8	97.8	97.8	77.6	98.7	
GE	200		46.9	46.9	47.3	47.3	81.5	87.2	83.3	93.1	96.4	97.1	99.5	48.5	98.5	4 A . S	cq. t	
6 F	103	I	46.9	46.9	47.3	47.3	81.5	82.2	A 3. 3	93.1	96.4	97.1	94.5	98.5	7A.9	98.9	100.0	
6 E	3)	ı	46.9	46.9	47 • 3	47.3	91.5	82.2	93.3	93.1	96.4	97.1	98.5	98.5	98.9	28.9	100.0	

#### PERCENTAGE FREQUENCY OF OCCURRENCE OF CELETION VEHICLS VEHILLED FROM HOUGET OBSERVATIONS

STATION NUMBER: 250630 STATION NAME: LENINGRAD USSR

PERIOR OF MECORDS (MEAS) MONTHS FOR FOUNDINGS (CATA) PROMPONIO

													: 15		0.50:		
CFIL		••••		• • • • • •		• • • • • •				IN STATE			· · · · · · ·		• • • • • •	• • • • • • • •	• • • • • • • •
IN		GE	Бf	GE	6 F	G E	u:	G E	6,F	G f	G.E.	1	101	la C.		54	1,4
FEE		10	e	٩,	4		2 1/2		1 1/2		1	7/4	5/#	172	4/11	174	
• • • •		••••	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • • •		• • • • • • • • • • • • • • • • • • • •			• • • • • •			• • • • • • •	••••••
• 0 C	EIL		55.9	22.9	22.9	27.9	27.3	27.7	27.7	23.2	79.9		11.4	11.4	-1.4	51.4	51.9
€ 2	00001		23.2	23.2	23.7	23.2	28.0	29.4	28.4	29.3	10.1	10.1	· 1	52.1	1.1	12.1	1 1
€ 1	10008		23.2	23.2	23.2	23.2	28.0	20.4	28.4	29.9	₹Ď • 6.	30.6	32.1	32 • 1	1 1	5.7.1	11
г 1	60001		23.2	23.2	23.2	23.2	26.0	28.4	28.4	24.9	₹6.6	30.6	12.1	12.1	' 1	17.1	7 1
ί1	40001		23.2	23.2	23.2	23.2	78.0	2R.4	29.4	29.9	30•6	10.6	72.1	7.7 + 1	10.1	77.1	7 1
E 1	20001		23.2	23.2	23.2	23.2	28. D	28.4	28.4	29.9	771 . fr	10.6	72.1	12.1	77.1	1:1	*2.1
Ε 1	10000		28.0	29.0	28.0	28.0	36+2	36.5	36.5	39.5	40.2	45.3	41.7	41.7	·1 • 1	41.	41.
٤	90001		28.0	28.0	28.0	28.3	36.2	36.5	36.5	30.0	40.2	4 C	41.7	41.7	41.7	41.7	41.
Ē	10038		29.0	29.G	28 • 0	28.0	36.2	36.5	36.5	39.5	40.7	47.	41.7	41.7	41.7	41.7	91.7
E	7nual		28.0	2 A . O	28.0	28 • G	36.2	36.5	36.5	39.5	40.2	40.0	41.7	41.7	u 1 •	41.7	41.7
E	60001		28.0	28.0	28.0	28.0	36.2	36 + 5	36 • 5	39.5	41) • 2	4 ^ • .'	41.7	41.7	41.7	41.7	91.7
٤	10002		28.3	23.0	28.0	29.0	36_2	₹6.5	36.5	39.5	40.7	40.2	41.7	41.7	41.7	41.7	41.
Ε	4500		29.4	29.4	28.4	29.4	36.5	36.9	36.9	39.7	12 O • 6	40.6	42.1	42.1	4.2 • 1	47.1	41
٤	40001		28.4	28.4	28 • 4	28.4	36.5	36.9	36.9	40.2	41.0	41.7	42.4	42.4	92.4	42.4	4:.4
E	35 O J		28.4	29.4	28 - 4	29.4	36 - 5	36 . 9	36.9	40.2	41.0	41.3	42.4	42.4	42.4	4 . 4	4
f.	anga L		28.4	28.4	28.4	29.4	16.9	37.3	37.3	40.6	41.3	41.5	42.8	42.8	42.8	4 R	4
E	25001		31.4	31.4	31.4	31.4	40.6	41.0	41.0	44.3	45.0	45.0	46.5	46.5	46.5	44.5	41.5
E	20001		32.8	32.8	32.8	32.8	43.2	43.5	43.5	46.9	47.6	47.6	49.1	40.1	49.1	49.1	44.1
£	10001		73.9	33.9	33.9	33.9	44.6	45 • n	45.0	48.3	47.1	49.1	69.6	57.6	10.6	50.5	٠6.6
E	15061		75.1	35.1	35 - 1	35.1	47.6	48.0	49.0	51.7	52.4	90.4	53.9	53.9	6 7 9	5,2,9	5.3.7
E	1200 F		40.7	40.2	40.2	47.2	56.5	57.2	57.6	63.1	8.54	64.2	65.7	65.7	£5.7	65.7	65.7
E	10001		43.9	43.0	43.9	41.9	66.8	67.5	67.9	74.5	75.3	75.6	77.1	77.1	77.1	77.1	77.1
Ε	9001	٠.	43.4	43.9	43.9	43.4	67.5	64.3	68.6	75.6	76.4	76.0	78.2	78.2	79.2	79.2	74
E	8001		44. 5	44.5	44.3	44.3	76.5	71.2	72.0	19.0	79.7	30.1	81.5	81.5	P1.5	81.5	F 1 • C
f.	7001		44.1.	44.6	44.6	44.6	7 3 . 4	14.7	75.3	H 5 . A	84.9	85.6	87.1	97.1	97.1	47.1	97.1
F	6001		45.4	45.4	45.4	45.4	74.6	76.4	77.5	86.7	07.8	A	93.0	90.0	30 • U	90. <b>1</b>	90.5
ŧ	5001		45.4	45.4	45.P	45.A	76.4	77.1	7 R	88.6	99.7	97.4	91.9	91.9	21.3	91.9	91.9
F	4001		46.1	46.1	46.1	46.1	77.1	77.9	79. D	91.1	62.1	91.9	94 .	94.9	94.2	98.2	95.6
E	1001		46.1	46.1	46.1	45.1	78.6	79.3	AQ. 4	93.7	24.1	94.2	26.3	95.7	97.0	97.4	97.6
F	2 col		46.1	46.1	46 . 1	46.1	74.C	79.7	80.4	93.4	24.5	95.5	26.7	97.3	78.	48.5	98.9
F	1001		46.1	46.1	46 . 1	46.1	74.0	19.7	80.8	44.4	74.1	98. 2	26.7	97.0	98.9	99.1	100.5
f	e i		45.1	46.1	46.1	44.1	79.0	79.7	яј. в	91.4	94.5	91.7	96.7	91.0	96.9	99.3	100.0

STORAL CLIMATOLOGY BRANCH

### PERCENTAGE FREQUENCY OF OCCURPENCE OF CELLING VERIUS VILLETY FROM HOURLY OBSTRUCTIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87 MONTH: FIR F0005(UST): 0900-1100 VISIPILITY IN STATUTE MILES CFILING GE GE GE 4 3 2 1/2 G F S 14 | GE 1 | 1331 6E 6F 6E 6E 7 1 1/4 1 6 Gt 1/4 G 5/4 1/2 6 5/16 NO CETE 1 16.3 16.3 16.3 24.0 22.4 22.A 23.2 24.4 24.0 74.A .4.8 23.2 23.2 26.8 26.8 26.8 26.9 26.9 76.8 76.8 26.8 26.8 GE LACCOL 16.7 16.7 16.7 16.7 23.2 21.2 23.2 24 . R 26.8 , h . A GE 160001 16.7 16.7 24.0 24.8 24.9 26.8 26.8 26.8 26.8 26.8 26.3 26.3 26.8 26.9 16.7 23.2 16.7 23•2 23•2 16.7 16.7 16.7 16.7 23.2 26.8 GE loanel 22.8 22.8 22 .8 22.8 33.3 33.3 36.6 17.E 35.0 47.7 11. 1 47.7 40.7 46.7 22.8 22.9 72.8 90001 ξα<u>.</u> ο 22.8 22.4 22 . 8 33.3 33.3 33.3 36.6 17.8 40.7 43.7 43.7 40.7 82001 22.8 22.8 13.3 33.3 G F 59.0 40.7 40.7 40.7 40.1 70001 22.8 33.5 33.3 36.6 39.0 40.7 40.7 43.7 40.7 60001 22.8 33. 3 40.7 45.7 spont 23.2 l, F 23.2 37.0 23.2 23.2 33.7 3 5 . 7 33.7 18.2 39.4 41.1 41.1 41.1 41.1 41.1 45001 23.2 23.2 23.6 23.6 4, F 23.2 23.2 33. 7 33.7 33.7 54.1 37.0 38.2 37.4 41.1 41.1 41.5 41.1 41.1 40001 35001 23.6 18.6 ſ, f 23.6 34.1 34.1 33.8 37.4 37.8 41.5 6 ( 23.6 23.6 34.6 34.6 34.6 19.0 40.2 41.9 41.5 3000l 40.7 41.0 43.5 43.5 4 3 . 5 43.5 ... \$ 25.201 26.0 26.0 37.4 26.0 37.4 45.1 45.1 45.1 20001 18001 76.A 26.6 28.5 26 · 8 28 · 5 40.2 40.0 6 F 26 • B 40.2 40.2 43.9 46.3 48.0 48.3 48.0 45.1 28.5 42.3 42.3 45.9 47+2 52+0 44.4 53.8 56.0 54.9 50.0 50.0 ro.a 50**.**0 6. 6 17601 11.3 31.3 31.3 31.3 46. 7 46.7 50.4 54.9 34.6 35.0 55.3 14.6 55.3 60.2 61.8 55.0 65.0 6.24 11 GD4 16.2 36.2 59.8 36 . 6 36,6 67.9 69.1 71.5 59.8 59.8 65.9 71.5 71.5 71.5 71.5 G F G F 36.6 68.3 74.7 77.6 3601 16.6 31.j 37.€ 61.0 61.0 70.7 72.0 74.4 74.4 61.0 74.4 74.4 74.4 860 | 700 | 33.C 39.4 39.4 66.3 66.3 66.3 76 . R PD . 5 7ª.7 81.7 80.5 84.1 80.5 84.1 2.08 80.5 PC.5 G F 12.6 39.A 40.2 40.2 94.1 84.1 F4.1 1008 41.1 72.4 41.1 41.5 41.5 72.4 81.3 5001 41.9 41.9 42.3 74.4 42.3 74.4 74.4 77.2 83.7 86.0 82.0 91.5 91.5 91.5 91.5 91.5 . 4 91.5 0.6 4001 42.3 42.7 77.2 17.2 91.1 92.3 92.3 95.9 97.6 98.4 95.9 95.9 97.2 95.9 87.A 95.9 1001 42.7 76.0 78.0 78.0 78.0 89.0 42.7 43.1 43.1 78.0 97.6 6.1 2001 42.7 43.1 43.1 42.7 78.0 94.7 98.0 98.0 QA.A 99.6 . 4 6 € 1001 42.7 42.1 43.1 43.1 78. G 89.0 79.D 78.0 92.3 C.RP 98.0 98.8 99.2 100.0

89.0

92.3

94.7

98.0

98.0

98.8

99.2 100.0

TOTAL NUMBER OF ORSERVATIONS: 246

42.7 42.7

43.1

43.1

21

. 4

### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECOPD: 78-87 MONTH: FEP HOURS(LST): 1233-14\_0 VISIBILITY IN STATUTE MILES CEILING GF GE GE 4 3 2 1/2 GE 7L GE GE GE 3 1 1/4 6 E 5 6€ ≤716 IN I GE FEET | 10 5t 174 5/8 1/2 6 33.4 NO CEIL I 18.3 18.3 29.3 29.7 29.7 17.4 19.3 26.7 11.7 ... GF 200001 19.8 19.8 29.3 29.3 32.2 12.6 33.3 33.3 3 5 . 7 32.6 32.6 32.6 32.6 . 4 37.7 27.7 11.7 11.1 6E 180001 19.8 19.8 19.8 19.8 28.9 29.3 29.3 32.2 32 . 6 \*\*.3 33.3 33.3 \* 3 . 7 19.8 19.8 19.8 19.8 19.8 19.8 28.9 29.3 32.6 G 140001 29.3 29.3 32.2 ₹7.6 77. j 19.5 32.2 33.3 GE 12mpgl 19.3 29.3 32.6 47.5 65 10000j 25.6 42.1 42.1 48.3 48.7 1. . 4 25.6 25.6 25.6 41.8 41.3 51.3 50.5 50.0 90001 10008 25.6 25.6 25.6 25.6 25.6 25.6 50.9 1.1.1 42.1 42.1 48.0 4 A . 7 40.4 50.4 £ 1 • 3 51.3 51.3 51.3 . 4 25.6 25.6 41.8 42.1 48.D 40 S 50.4 50.7 50.9 25 • 6 25 • 6 25.6 25.6 f, F 41.8 42.1 4 B . 7 50.9 42.1 41.6 60001 25.6 42.1 48.0 48.7 47.5 57.9 ٠1. 25.6 25.6 25.6 42.1 G E 5000] 4500] 25.6 41.8 42.1 48.0 48.7 49.5 50.3 cn. 3 51.3 11. 1. 40.5 48.0 48.7 51.3 42.1 50.7 51.3 51.3 GF 25+6 25+6 25.6 41.8 42.1 61. 25.6 25.6 49.5 40001 . 4 25.6 25,6 42.1 49.0 48.7 50.9 50.9 42.1 41.8 25 • 6 26 • C 26.0 48.7 52.0 G F 35 pp. 1 26.0 26.0 42.1 42.9 49.5 51.6 51.5 52.0 47.3 47.6 53.5 54.7 25001 30.4 56 · 8 57 · 1 57.1 30.8 3g.8 30 · 6 30.8 47.6 54.6 56.8 57.5 56.8 57.5 G F 20001 47.3 48.0 53.8 55.3 57.1 19001 . 4 54.6 56.0 c1.9 57.9 57.9 GΕ 31.5 48.0 48.7 15001 32.6 49.8 50.2 57.1 59.7 60.1 50.1 12001 . 4 38.1 38.1 66.8 61.2 61.5 73.3 73.6 73.6 GE 10001 76.3 78.8 79.1 39.6 64.5 65.2 74.7 76.2 79.9 79.1 79.1 . 4 39.6 39 • 6 39 • 9 39.6 64.1 78.0 81.0 86.9 90.1 G F 9001 39.9 39.9 40.3 42.1 65.9 61.8 72.9 75.8 78.4 83.5 77.3 79.9 P0.2 83.2 80.2 AC. 2 64.8 66.7 65.2 93.2 F5.7 8001 . 4 40.3 40.3 40.3 A0.2 82.8 89.4 82.8 42.1 42.1 72.2 P6 . 1 7001 71.8 93.4 89.4 GE 5001 . 4 42.9 42.9 42.9 42.9 76.2 76 .6 77. 3 89.0 91.9 92.7 95.6 95.6 96.0 96.0 96.0 4 00 l . 4 42.9 42.9 42.9 42.9 42.9 42.9 76.2 76.2 76.6 76.6 77.3 77.3 89.7 90.1 90.5 94.5 97.4 97.4 97.8 97.8 97.8 91.8 94.9 98.2 G F 42.9 94.1 98.2 98.5 98.5 98.5 42.9 76.9 14.9 99.3 99.3 6 E 2001 42.9 42.9 42.9 76.6 77.7 99.3 1001 42.9 90.5 100.0 o l 99.6 . 4 42.9 42.9 42.9 90.5 94.9 95.6 98.9 98.9 39.6 100.0

## PERCENTAGE FREQUENCY OF OCCURRENCE OF CHILING VERSUS VISIBILITY

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

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1 '		GE	GE	G E	GE	GE	GE	GE	G.E.	-, F	G-F	r-t	o t	GE	6F	GF	(, r
FEE	ET	10	ŧ.	5	4	3	2 1/2	2	1 1/2	1 1/4	1	7/4	5/3	1/2	r/16	1/4	Ĵ
•			<i>.</i>														
	• • • • • • • • • • • • • • • • • • • •													• •			
NO 6	CEIL		23.1	23.1	23.1	23.1	13.3	33.3	33.3	35.7	25.5	30.4	35.9	15.9	76.6	36.6	1 t . t
			. , .	. ,	1	. ,	. , ,	3 - 4	. , • ,	* , * .							
	200201		36 1	35.7	25.	36 1		,, ,				41.0	41.4	41.4	42.1	+2.1	42.1
	100001		25.3	25.3	25 • 3	25.3	36.6	36 • 6	36.6	33.3	40.3						
	100081		25.3	25.3	25.3	25.3	₹6 • 6	36.6	36.6	39.0	40.3	41.7	41.4	41.4	42.1	42.1	4 1
GE :	160001		25.3	25.3	25 • 3	25 - 3	36 • 6	36.6	36.6	39.9	40.3	41.	41.4	41.4	42.1	42+1	42.1
6 E	147801		25.3	25.3	25 • 3	25.3	36 • 6	36 .6	36 . 6	39.9	40.3	41.0	41.4	41.4	42.1	4.7 • 1	42.1
G.F.	120001		25.3	25.3	25.3	25.3	36.6	36 +6	36.6	39.9	40.3	41.0	41.4	41.4	42.1	43.1	91
6.5	100001	. 4	33.C	33.0	33.0	33.C	49.8	50.2	50.2	54.9	56.0	4 1	57.5	57.5	59.2	58.2	4.6.7
G E	90001	. 4	33.0	33.0	33.0	33.0	49.8	50.2	50.2	54.9	56.C	57.1	47.5	57.5	58.2	50.7	50.2
								-									
G E	80001	. 4	33.0	33.0	33.0	53.0	49.8	50.2	50.2	54.9	56.0	57.1	57.5	57.5	58.2	5	[d•4
GE	70001	. 4	33.G	33.0	33.0	33.0	49.8	50.2	50 • 2	54.9	56.0	57.1	57.5	57.5	58.2	59.2	5 F + 2
GE	9C 00	. 4	33.0	33.0	33.0	33.0	49.8	50.2	50.2	54.9	56.0	57.1	57.5	57.5	59.2	58.2	* 8 • Z
GE	50001	. 4	33.D	33.0	33 • D	33.0	50.2	50.5	50.5	55.3	56.4	5 . 5	57,9	57.7	58.6	50.6	56.0
GΕ	45 BD i	. 4	73.0	33.0	33.0	33.0	50.2	50.5	50.5	55.3	56.4	57.5	57.9	57.9	58.6	54.6	6.50
G E	40001	. 4	33.C	33.0	33.0	33.0	5C+ 2	50.5	50.5	55.3	56.4	57.5	57.9	57.9	58.6	50.6	4.6.6
6 E	35001	. 4	33.0	33.0	33.0	33.0	50.2	50.5	50.5	55.3	56.4	57.5	57.9	57.9	58.6	50.5	58.6
GE	30001	. 4	33.7	33.7	33.7	33.7	50.9	51.3	51.6	56.4	57.5	59.6	59.0	59.0	59.7	50.7	6.9.7
O t.	30001	. 4	) 3 • /	33.1	33.1	33.7	5U• ¥	21.0	21.0	36.4	2/42	2.00	24.0	37.0	24.1	, • • 1	.,,,,
€	25001	. 4	35.9	35.9	35 • 9	35.9	54.2	54.6	54.9	59.7	6C • 8	61.9	62.3	62.3	63.0	6 4 . 0	63.0
6 F	20001	. 4	36.6	36.6	36 • 6	36.6	55.7	56.0	56.4	61.2	62.3	67.4	63.7	63.7	64.5	64.5	£ 4 • c
6 F	18001	. 4	37.7	37.7	37.7	37.7	57.1	57.5	57.9	62.6	63.7	64 . B	65.2	65.2	65.9	65.9	65.9
G€	15601	. 4	40.7	40.7	40.7	40.7	61.5	61.9	62.3	67.0	68.1	69.7	69.6	69.6	70.3	10.3	10.3
GΕ	12001	, 4	48.7	48.7	48.7	48.7	72.9	73.3	73.6	79.1	AD . 2	81.3	81.7	91.7	92.8	82.8	A 2 . A
	,	•											• • •				•
GΕ	10001	. 4	5 G • 2	50.2	50 • 2	50.2	75 8	76.2	76.6	82.8	P3.9	85.0	95.3	85.3	96.4	86.4	86.4
G.E	1000	. 4	50.2	50.2	50.2	50.2	76.2	76.6	76.9	84.2	A5.3	86.4	86.8	86.8	87.9	87.9	P 7 . 9
GE	P 0 3 1		50.5	50.5													
		. 4			50.5	50.5	77.7	78.0	78.4	87.2	88 · 3	80.4	19.7	89.7	90.8	93.A	6C.6
ΘE	700	. 4	51.6	51.6	51.6	51.6	81.0	81.3	81.7	90.8	91.9	91.7	93.4	93.4	94.5	94.5	94.5
GΕ	6001	. 4	52.0	52.0	52 • Ģ	52.C	8 Z • 1	82.4	92.8	91.9	9 . 0	94.1	94.5	94.5	95.6	95.6	95.6
GE	5001	. 4	52.7	52.7	52.7	52.7	e 3 • 5	83.9	84.2	94.1	95.2	96.3	96.7	96.7	97.8	97.8	97.6
G E	4001	. 4	52.7	52.7	52.7	52.7	95. C	85.3	85.7	95.6	^6 · 7	97.8	98.2	98.2	99.3	99.3	99. 1
GΕ	3001	. 4	52.7	52.7	52 - 7	52.7	85.3	95.7	86.1	96.7	97.1	90.5	78.9	98.9	100.0	100 C	100.0
G E	2001	. 4	52.7	52.7	52.7	52.7	85.3	85.7	86.1	96.3	5.7 • 1	94.5	74.9	98.9	100.0	100.0	100.0
6 E	1501	. 4	52.7	52.7	52.7	52.7	85.3	85.7		-							
U t.	1901	. 4	56.1	52.1	56.1	72.1	M7.3	87.7	86.1	96.0	97.1	98.5	98.9	98.9	170.0	100.0	100.0
	- 4																
G €	01	. 4	52.7	52.1	52.1	52.7	R5.3	85.7	86.1	96.7	97.1	9 R . 5	98.9		100.0		100.0
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PERCENTAGE FREQUENCY OF OCCURPENCE OF CFILING VERSUS MISIBILITY FROM HOURLY  $\theta_B s_E r v_A tions$ 

STATION NUMBER: 260632 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87
MONTH: FER HOURSELSID: 18

												MONTH	: FER	HOURS	(LST): .	1800-20	180
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LEI	LING			GF	GF	GE	GE	6.6	GF	IN STATE	-						
FE		6E 10	GE 6	5	4		2 1/2		1 1/2	GE	6 E 1	ΩE ₹/4	6E 578	GE 1/2	GE.	նլ 1/4	er e
										1 1/4				-	5/16	-	-
																	•••••
N O	CEILI	. 4	25.0	25.0	25 • 4	25.4	₹2•2	32.2	32.2	34.1	34 • 1	34.1	34.1	34 • 1	34.1	34.1	34.1
6 E	100001	. 4	26.5	26.5	26.9	26.9	34.8	34.8	34.8	37.1	37.1	37.1	37.1	37.1	77.1	37.1	27.1
GE	100001	. 4	26.9	26.9	27.3	27.3	35.2	35.2	35.2	37.5	37.5	37.5	37.5	37.5	17.5	37.5	37.5
GE	167001	. 4	76.9	26.9	27.3	27.3	35 • 2	35.2	35. <i>2</i>	37.5	37.5	37.5	37.5	37.5	37.5	37.5	77.5
	140001	. 4	26.9	26.9	27.3	27.3	35.2	35.2	35.2	37.5	37.5	37.5	37.5	37.5	37.5	37.5	3.7.5
G E	120001	. 4	26.9	26.9	27.3	27.3	₹5.2	35.2	35 • 6	37.9	37.9	37.0	37.9	37.9	37.9	37.9	77.9
G F	100001	. 4	35.2	35.2	35 • 6	35.6	47.3	47.3	47.7	51.1	51.5	51.5	61.9	51.9	51.9	51.9	° 1• •
GE	90001	. 4	35.2	35.2	35 • 6	35 • 6	47.3	47.3	47.7	51.1	51.5	51.5	51.9	51.9	51.9	51.9	51.9
GΕ	80001	. 4	35.2	35.2	35 • 6	35.6	47.3	47.3	47.7	51.1	51.5	51.5	51.9	51.9	51.9	51.9	1.5
G E	70001	. 4	35.2	35.2	35 • 6	35.6	47.3	47.3	47.7	51.1	51.5	51.5	51.9	51.9	-1.9	51.9	· i . >
6 F	PC001	. 4	35.2	35.2	35 • 6	35.6	47.3	47.3	47.7	51.1	51.5	51.5	51.9	51.9	51.7	51.9	11.7
G E	50001	. 4	35.2	35.2	35.6	35.6	47.3	:7.3	47.7	51.1	51.5	51.5	51.9	51.9	51.7	51.9	11.4
GE	45001	. 4	35+2	35.2	35 • 6	35.6	47.3	47.3	47.7	51.1	51.5	51.5	51.9	51.9	×1.9	51.9	c1.9
GE	40001	. 4	35.6	35.6	36.0	36.0	48.1	48.5	48.9	52.3	52.7	5 - 7	53.0	53.0	r 3 . D	53.0	63.3
ωĒ	35 cc l	. 4	16.6	36.0	36 . 4	36.4	46.5	48.9	49.2	53.0	53.4	5 1.4	53.H	53.9	53.8	51.8	c 3
G E	30001	. 4	36.7	36.7	37.1	37.1	49.6	50.0	50.4	54.2	54.5	54.5	54.9	54.9	54.9	54.9	54.4
ŭ <b>f</b>	25001	. 4	79.4	39.4	39.8	39.8	53.8	54.2	54.5	58.3	58.7	59.7	59.1	59.1	57.1	69.1	64.1
6 E	20001	. 4	41.3	41.3	41.7	41.7	57.2	57.6	58.0	61.7	62.1	62.5	62.9	62.9	62.9	6.7.9	62.9
6.6	18001	4	42.C	42.3	42.4	42.4	58.3	58.7	59.1	63.3	63.6	64.0	64.4	54.4	64.4	64.4	64.4
GE	15021	. 4	44.7	44.7	45.1	45.1	62.1	62.5	62.9	67.0	67.4	69.2	69.6	68.6	6F • 6	68.6	68.6
G F	17001	. 4	51.5	51.5	51.9	51.9	73.1	73.5	74.2	78.4	78.8	70.5	79.9	79.9	79.9	79.9	79.9
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6€	10001	. 4	53.4	53.4	53.8	53.8	77.3	77.7	78.8	83.3	R3.7	84.5	P4.8	84.8	94.8	84.8	84.B
G €	9001	• 4	53.8	53.6	54 • 2	54.2	78.4	78 • 8	79.9	85 • 2	A5.6	8 F . U	96.7	86.7	A6.7	86.7	86.7
ն (	8001	. 4	54.9	54.9	55 • 3	55.3	79.9	80.3	81.4	87.1	P7.5	8 4 . 3	AA.6	88.6	88.6	89.6	P8.6
t, E	7001	. 4	55.3	55.3	55 • 7	55.7	82.6	83.0	84.1	90.2	90.5	91.7	92.0	95.0	92.0	92.0	92.0
6 E	6001	. 4	55.3	55.3	55.7	55.7	A 3 • D	83.3	84.5	90.9	91.3	92.8	93.2	93.2	73.7	91.2	93.2
6 F	5001	. 4	55.3	55.3	55.1	55.7	84.1	84.5	85.6	92.4	92.8	94.3	95.1	95 • 1	95.1	95.1	95.1
GΕ	4001	. 4	55.7	55.7	56 • 1	56.1	86.4	86.7	87.9	94.7	95.1	94.6	98.1	98.1	98 - 1	99.1	98.1
G€	3001	. 4	55.7	55.7	56 • 1	56.1	R6.7	87.1	88.3	95.1	95.5	97.7	78.9	98.9	99.2	99.2	99.2
GΕ	2001	. 4	55.7	55.7	56 • l	56.1	36.7	87.1	88.3	95.1	95.5	97.0	98.9	98.9	99.2	99.6	100.0
GE	1001	. 4	55.7	55.7	56 • 1	56.1	A6. 7	87.1	98.3	95.1	95.5	97.2	98.9	98.9	99.2	99.6	100.0
6 <b>f</b>	10	. 4	55.7	55.7	56 - 1	56.1	86.7	87.1	A8 · 3	95.1	95.05	97.0	98.9	98.9	99.2	99.6	100.0
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### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VEKSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 26063C STATION NAME: LENINGRAD USSR

PERIOD OF FECCEU: 78-8 -HOWTH: FEE HOURSILSTI: 2100-2300 VISIBLEITY IN STATUTE MILES CETEING GE GE GE 4 3 2 1/2 rξ G f ĢΕ G E 5 GE G5 GE 2 1 1/2 1 1/4 GE 1 G E 1116 FFET } 3 2 1/2 5/8 10 1/4 7/4 172 13.0 NO CEIL | 26.3 26.3 26 . 3 26.3 33.0 33.0 GE 200001 26.3 34.4 34.4 34.4 36 . 7 16.7 26.3 26.3 26.3 36.7 34.4 34.4 34.4 36.7 16.7 36.7 36.7 16.7 36.7 36.7 17.0 26.3 26 • 3 26.3 36.7 16.7 26.3 16.7 GF 160001 26.3 26.3 26.3 26.3 26 . 3 26.3 36.7 34.4 34 .4 36 . 7 36.7 GE 140001 26.3 26.3 GE 120001 26.3 26.3 26.3 34.4 34.4 34 . 4 36.7 76.7 36.7 36.7 35. 36.3 40.6 45.9 49.6 49.6 GF 100001 3 3 . 3 33.3 33.3 33. 5 45.9 45.9 47.6 49.6 49.6 49.6 49.6 45.9 45.9 45.9 49.6 49.6 40.6 49.6 49.6 40.6 .... 33.3 33.3 33.3 33.3 6 E anga L 33.3 49.6 82001 33.3 33.3 45.9 45.9 49.6 49.6 43.6 49.6 49.5 33.3 40.6 47.6 49.6 45.9 49.6 44.6 70001 33.3 33.3 45.9 45.9 49.6 33.3 49.6 GE G E 50001 33.7 33.7 33.7 33.7 46.7 46.7 46.7 50.4 50.4 57.4 50.4 50.4 50.4 c0.4 50.4 4.C. 7 57.4 57.4 57.4 55.7 57.4 33.7 33.7 33.7 33 • 7 33 • 7 G F 45001 33.7 46.7 46.7 46.7 50.4 50.4 57.4 57.4 57.4 40001 46.7 46.7 50.4 50.4 46.7 33.7 3500 l 3000 l 33.7 33.7 33.7 33.7 46.7 46.7 50.4 50.4 59.4 50.4 53.4 50. 7 51.6 51.5 51.5 51.9 51.5 51.5 51.5 51.5 34.1 34.1 34 . 1 47.8 25 ac l 37.0 17.0 37 • D 51.1 51.1 55.2 55.2 5°.1 5°.5 37.0 51.1 G E 20001 39.3 39.3 39.3 39.3 53.7 54 . 1 54.1 58.1 58.1 50.1 59.1 58.1 F4.1 56.5 50.5 c 8 . 5 5, 5, 5 (, F 18601 15001 33.3 19.1 19.1 54.1 57.4 54.4 57.8 54.4 57.8 59.5 58.5 58.5 54.5 12.6 41.5 12001 47.0 47.0 47.0 71.5 71.9 71.9 77.4 77.4 77.8 10001 48.1 48 • 1 48 • 1 75.6 75.6 H2.2 P3.7 82.2 92.2 A 2.6 GE 48.1 49.5 75.2 81.5 92.2 32.2 9001 48.1 49.1 48.5 76. 7 77.0 77.0 83.0 83.7 83.7 A 7. 7 A 1.7 49.3 48.5 48.9 78.9 80.7 85 · 6 88 · 5 #6.3 89.3 86.1 96.3 acci 48.5 76.5 78.9 96.3 86.3 96.3 P6.1 7001 Ba .€ 90.0 90.0 90.0 46.4 49.3 80.4 8 ú. 7 93.0 49.6 G E 6041 49.6 49.6 50.0 91.9 93.0 G F 5001 49.6 40.6 49.6 50.C 84.4 84.4 92.6 03.7 94.4 94.8 94.9 24 - 8 94.8 25.2 31.3 47.6 49.6 96.3 95.7 97.0 GE 4301 49.5 84.8 95.2 96.7 26.7 50.0 85.2 95.2 94.1 1001 49.6 49.6 49.6 50.0 85.9 85.9 91.8 98.1 98.5 78.5 94.5 98.9 85.6 94.8 96.7 96.1 GF 2001 47.6 49.6 49.6 50.0 95.6 85.9 85.9 95.2 97.6 98.5 99.3 99.3 97.3 100.0 99.3 1001 49.6 49.6 85.9 95.2 97.3 9n.1 99.3 99.3 49.6 50.0 95.6 85.9 100.0 A5.6 85.9 97.0 99.1 99.3 95.2 85.9

## PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VEHICLS VITIBILITY FROM HOURLY $\sigma_{BS_E}$ availons

STATION	NUMBER:	260630	STATI	ON NAME:	LE NI	NORAD U	SSR				PIPIOD	31 416	FD: 78	- g 7		
											MONTH	: FF+	40UBS	t(511:	81.1	
		• • • • • • •										<b></b>	<i></i> .			•
CEILING									IN STATE							
	) GE	GF	e E	GE	GE	65	6 E	61	6.6	5 E	11	44	5 E.	e F	o t	, :
FEET	1 10	t,	5	4		2 1/2		1 1/2		1	3/4	. / 5	1/2	1/15	1/4	- 1
• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •		• • • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •			• • • • • •	• • • • • • • • • • • • • • • • • • • •
NO CEIL	l •0	22.5	27.5	22,5	22.5	29.4	29.5	29.6	31+5	31.9	37.1	$\Gamma_{A_{i-1},A_{i}}^{-1}$	52.6	12.7	37.1	1. + 5
GE 20000	1	23.5	23.5	23.6	23.6	31.1	31.2	31.4	33.7	14.1	34.1	14	14.0	*5.1	53.1	75.1
GF 18000		23.6	23.6	23.6	23.6	31.2	31.3	31.4	33.7	34 . 1	34.4	15.3	35.0	74 . 1	! · · 1	74.
6F 16000		23.6	23.6	23.6	23.6	31.2	31.3	31.4	33.7	14.1	34.4	14, 5	35.0	24.1	35.1	1
GE 14703		73.6	23.6	23.6	23.6	31.2	31.3	31.4	3 2 . 7	14.1	34.4	15.0	35.7	76.1	1.5	***
GF 12000	. 1	23.6	23.6	23.6	23.6	31.2	31.3	31.5	3 3 . A	14.2	34.4	35.0	35.7	15.02	37.2	
GF 10700		30.3	3 D • 3	30.3	30 - 3	42.3	47.4	42.6	46.4	47.1	47.5	9.6	48.5	44.5	4 = e	4 f 4 5
6E 9000		30.3	30.3	30.3	30.3	42.3	42.4	42.6	46.4	47.1	47.5	40.3	49.3	44.5	14 C . C.	و این شب
06 9000		30.3	30.3	30 • 3	30.3	42.3	42.4	42.6	વહ. વ	47.1	47.5	48.3	49.1	4 5 . 5	4 * . 5	14 H + 1
66 1000		30.3	30.3	30.3	30.3	42.3	47.4	42.6	46.4	47.1	47.5	48.3	48.3	4 4 5	4 - 5	4 2 4 5
GE 9000	i .1	30.3	30.3	30 • 3	30.3	42.3	42.4	42.6	46.4	47.1	4 7 . 4.	46.8	40.3	44.5	46.0	4 * • *
GE 5000	1	30.4	30.4	30.4	30.4	42.5	42.7	42.9	46.7	47.4	47.0	4 P . 6	44.6	45.7	49.7	44.4
GE 4500	1 .1	30.4	30.4	30.5	30.5	42.6	42.8	4 3 • D	45.8	47.5	47.5	49.7	48.7	48.8	44.8	48.4
GE 4100	1 .1	30.7	30.7	30.8	30.8	43. D	43.2	43.4	47.2	47.9	49.4	49.7	49.2	49.3	40.3	44.2
GE 3100	. 1	30.8	30.9	30.9	30.4	43.2	43.4	43.7	47.5	48.3	40.7	49.5	49.5	49.6	43.4	44.7
GE 3000	. 1	31.3	31.3	31.4	31.4	43.9	44.2	44.4	49.4	49.1	40.5	€0.4	50.3	. 1.2	50.5	50.5
68 25pm	1 -1	34.2	34.2	34 . 3	34.3	47.7	47.9	49.2	52.1	52.9	5 3 . 4	54.2	54.2	c4.5	44.3	٤4,3
6E 2500		15.4	35.4	35 • 5	35.5	49.8	50.0	50.3	54.4	55.7	55.7	56.5	56.5	56.6	54.6	6.7
0E 1+30		36.3	36.3	35 • 4	36.4	51.1	51.4	51.5	55.7	56.6	57.0	57.8	57.9	58.J	58.0	5, p
(, E 1587		39.2	38.2	38 . 3	38 . 3	64.5	54 • B	55.1	59.4	60.3	67.4	51.6	61.6	61.8	£1.5	61.8
GF 1200		4 1. 3	4 7 . 3	43.5	41.5	64.9	65.3	65.6	73.7	71.7	77.1	73.2	73.2	73.3	73.3	3.4
6E 1009	1	45.		4.7 4.			70.3	70.7	76.6	77.7	74.3	19.2	79.2	79.4	77.4	19.5
6F 2ug		45.4	45.2	45.6	45.4	69.8 70.7		71.6	78.0	79.3	72.2	An . 8	Pg.8	P1.0	81.0	Al.J
GF 800		46.2	46.2	46.4	45.6	73.4	71.1	74.4	81.4	P2.9	A 3 . 5	94.5	84.5	P4.7	24.7	F 1 - O
6E 700		47.0	47.0	47.2	47.2	76.3	76.9	77.5	85.3	P7.0	87.9	89.6	89.0	R9.2	89.7	P 4 . 3
66 630		47.5	47.5	47.6	47.7	78.4	79.9	77.6	87.7	P9 5	30.6	91.8	91.9	92.0	97.0	07.1
50	• • • • • • • • • • • • • • • • • • • •	• • •								. • •				2.0		
GE 500		47.7	47.9	48.1	48.1	79. R	80.4	81.0	89.8	91.7	92.8	94.1	94.1	94.3	94.3	94.4
6F 430		48.1	48.1	48 + 2	48.3	R1.3	81.8	82.4	92.2	94.2	95.3	96.7	96.8	97.0	97.0	97.2
GE 300		48.1	48.1	48 . 3	49.3	91.8	82.4	83.0	93.0	95.2	96.4	97.9	99.1	98.4	98.5	46.4
6F 200		48.1	48.1	48.3	48.3	P 2 • 0	82.5	83.1	93.2	95.5	96.7	98.4	98.6	39.0	99.1	44.6
0.6 100	٠. ا	48.1	48.1	48.3	48.3	82.0	82.5	83.1	93.2	95.5	96.7	78.4	98.6	79.3	99.4	100.0
GE 1	1 .7	48.1	48.1	48.3	48.3	92.0	82.5	A 3 • 1	93.2	95.5	94.7	09.4	98.6	99.3	99.4	100.0

GLOBAL CLIMATCLOGY REANCH USAFLTAC A 18 WLATHER SERVICE/MAC

# PERCENTAGE PRESUENCY OF OCCUPPENCE OF CEILING Finals VISIBILITY FROM HOUSEN

STAT	ION NE	MBER:	250630	STATE	ON NAME:	LENI	NG RAD U	SSR				BERTOD	Cr ric	0#D: 7A	- A -		
				•								MOSTE			gsti, -	· n n = n,	1.0
CFIL										IN STATE							
1 14	i 1	6£	GE	GE	GF	G E	65	G (	{ <b>,</b> r	БŁ	G É	11 €	for F	15 F	υĒ	+1	. •
FEE	1 1	10	ti	5,	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	510	172	1116	17.4	
									• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •				
					• •	_	_					. 5					
NO C	EIL		37.6	37.6	38.j	39.∪	44.2	44.2	44.6	45.5	45.9	45.7	45.9	45.9	45.	~ · . ÷	** **
	anuni		33.C	3 R . O	38 - 3	38.3	44.6	44.6	44.9	46.2	46.5	41.5	46.5	45.0	45.5	46.4	G
	8000T		38.C	38.0	38 • 3	38.3	44.6	44.6	44.9	46.7	46.5	45.5	46.5	44.5	46.5	٠, د	***
	6000T			-						46.2	46.5	46.5	40.5	36.5	46.5		
	40001		18.0	38.0	38 . 3	38.3	44.6	44.6	44.9	46.7	46.5	46.5	46.5	46.5	40.5		
			38.0	30.0 30.0	38 • 3	39.3	44.6	44.6	44.0			47.	46.45	46.5	4 : 5	4	
5.5.1	20001		₹8.0	) 8 • U	₹8 • 3	38.3	44.6	44.6	44.9	46.2	46.5	476	46.	14 (1) •			••••
(. F. 1	00001	• 3	44.2	44.2	44.6	44.6	53.5	51.5	53.8	55.1	r, r, . 4	55.4	C & 4	1, C,	r -, . u	: t,	* ÷ •
	10000	• ;	44.2	44.2	44.6	44.6	53.5	53.5	53.A	55.1	r. c q	65.4	6, 6 <sub>3</sub> . <b>u</b>	55.4	r -5 . 4	, : [4	·
ί. ί	80001	: :	44.2	44.2	44.6	44.6	53.5	51.5	53.0	55.1	55.4	$c, c, \ldots$	t c. 4	15.0	5.5	1. F.	( i , , ,
6.5	70 G L		44.2	44.2	44.6	44.6	3.5	53.5	51.8	55 - 1	55.4	94	15.4	4,4,4	rr.u		• -
(, F	60001		44.2	44.2	44.6	44.6	13.5	5 7 5	53.4	55.1	c, c, _ u	45.4	55.4	5,5,5	c (, ;,	6.5	C:
	0. 0.,	•									•	9	, . <del>.</del> .	· · · -			
t, E	Scool	• 3	44.2	44.2	44.6	44.6	4.3.5	53.5	53.8	55.8	66.1	56.1	16.1	56.1	51.32	1	1.4
1, 1	46001	. ,	44.	44.2	44.6	44.6	53,5	53.5	53.8	54.4	r 6 • 1	56.1	56.1	5€ • 1	66.1	56.1	5.6
1. 5	40001	. '	45.5	41.5	45.9	45. +	<sup>5, 5</sup> • 1	54.4	56.1	58 • 1	F8.4	58.4	5 R . u	59.4	C F . 4	1.54 . 4	
6.5	35 JOL 35	• '	46.9	45.9	46	46.2	(5,₽	56.1	56. ₽	59.7	٠٩٠١	50.1	5.9.1	69.1	· 9 • 1	. 1	6.4
( ) F	10001	. 1	44.2	4 6 . 2	48.5	44.5	· u	50.7	19.4	61.7	67.0	67.0	67.0	62.0	47.3	6.2 • 0	14.4
۱, ۶	25 064	. '	5.4	6.2.35	52 . A	5.2 · B	4-3 a G	61.4	64.0	66.3	66.7	66.7	66.7	66.7	1.5.7	66.7	6.0
٠, ۴	∡cocl	. *	55.1	i, * -1	55.4	55.4	+++6	66.3	61.0	69.6	70 • L	70.0	70.0	73.0	70.0		74.4
r, F	19001	• '	6 S . #	55.8	6.1	56.1	· 7. 3	67.7	68.3	71.0	71.3	71.3	71 - 3	71.3	71.3	11.3	71.6
6, F	1001	. 5	5 E . 4	50.4	58.7	S.P. 7	7(+3	70.46	71.3	71.9	74.3	74.	74.3	74.3	74.3	14.7	74.6
(, )	17001	. '	11.4	61.4	61.7	61.7	74.9	19.2	77.9	87.8	01.5	81.5	P 3 • 2	83.2	93.,	9 1.	A ₹. S.
											0.5	95 0	0.5	0.6			
1, 1	1	• '	6.5.0	67.0	4.54	£2.4	P 1 • 2	81.5	82.2	85.5	85.8	8.28	A5.8	45.A	P5.8	5°.0	F ( + 1
15 F	9 . 11	• 1	· 2 • t.	62.0	62.4	62.4	P.2.5	8.58	E 3 . 5	87.5	87.8	n1.9	57.8	87.8	c 7 . B	97.6	PH.1
C.F.	£ 0.04	• 3	K2.4	67.4	62.7	62.7	P 4. 5	H4 . R	85.8	87.8	90.4	30.4	20.4	90.4	9).4	4 ℃ ب	3 C + H
	1001	• ;	12.4	52.4	67 • 7	67.	46.8	A7.1	89.1	92.7	93.4	94.1	94.1	94.1	94.1	94.1	44.4
G F	6 71	. 5	63.t	67.0	63.4	6 3 . +	47.5	A 7 . R	P A - A	9 t . 7	94.4	3 g * Ü	. 5 • U	95.7	95.0	A 4 * E	Q C. • ·
u F	5 315 1	. *	63.5	67.5	63.4	13.4	98.8	89.1	90.1	95.4	96.0	96.1	94.7	76.1	96.7	46.7	67.0
is F	4001	• 5	63.1	6 1 .0	63.4	63.4	F9.1	87.4	90.4	96.0	77.4	90.0	98.0	98.0	98.0	va. n	GH, T
6.1	1001		6.3.4	6 1 . 4	63.7	63.2	нч.я	90.1	91.1	96.7	98.()	98.7	98.7	98.7	98.7	29.0	y c. t
1, F	2001		67.4	53.4	63.7	6 7	46.8	20.1	91.1	96.7	98 • C	9P.7	99.7	98.7	98.7	99.0	102.0
1, 1	1001		63.4	6 7 .4	63.7	61.7	0 G . H	90.1	91.1	96.7	98.0	9.0.7	7A . 7	98.7	98.7	90.1	100.0
		•		•								•			. •	•	
6.5	91	. 3	63.4	6 7 4	63.7	61.7	40. 6	97.1	91.1	96 7	98.0	29.7	GA.7	98.7	98.7	99.m	100.0

#### PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VICIPILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGPAD LSSR

PERIOD OF PECOPO: 78-87 MONTH: MAR HOURS(LSTI: 0320-05UC VISIPILITY IN STATUTE MILES CEILING GE 4 GE GE 3 2 1/2 GE GE GE 2 1 1/2 1 1/4 IN | GE FEET | 10 G E 5 GF 1 GE GE 6 GE 5/8 5/15 1/4 1/2 NO CEIL I 34.4 34.4 40.3 40.3 40.7 43.0 43.3 11.6 43.6 47.5 43.6 43.1 GE 200001 4 3 . 6 4 3 . 6 4 3 . 6 40.7 41.0 43.3 43.9 45.3 4 7 . 0 41. 41.9 47.4 34.4 34.4 43.9 4 7 . . 41.5 GE 180001 • 3 34.4 34.4 34.4 4C. 7 40.7 41.0 43.3 43.6 43.9 GE 160001 43.3 43.9 41.C 43.6 34.4 40.7 34.4 34.4 40.7 140001 43.9 ₹4.4 34.4 34 4 40.7 43.3 43.6 4 3 . 4 43.9 41.9 43.6 34.4 6E 120apl • 3 34.4 46.7 41.0 43.3 43.6 65.1 42.0 51.5 54.4 54.8 54 9 55.1 55.1 GE 100001 42.0 42.0 51.1 51.1 56.1 • 3 42.0 55.1 55.1 55.1 55.1 55.1 55.1 55.1 54.8 54.8 55.1 55.1 55.1 GE 90001 • 3 42.0 42.0 42.0 51.1 51.1 51.5 54.4 42.0 80001 70001 42.0 42.0 42.0 42.0 42.0 42.0 42.0 51.1 51.1 51.1 51.1 54.4 54.8 54.8 55.1 55.1 55.1 55.1 55.1 55.1 G F 51.5 Su. A GE 42.0 GE 60001 42.0 42.8 51. i 51.5 54.0 45.1 55.1 50.4 55.4 55.7 55.7 55.7 GE 5ecol 42.6 42.6 42.6 42.6 51.8 51.8 52.1 55.1 55.7 55.7 55.7 47.6 GE 45001 42.6 52.1 55.1 55.4 55.4 55.7 51.8 42 • 6 43 • 9 42.6 51.8 53.8 55.1 56.1 57.7 G E 40001 53.4 54.8 53.4 54.8 57.0 C7.4 57.4 57.7 57.7 57.7 54.0 57.7 59.0 35001 44.9 58.4 59.7 59.0 GE 44.9 58 . 7 59.7 60.3 10. G E 25001 48.9 51.1 48.9 59.3 59.3 59.7 63.3 63.6 62.6 63.9 41.9 20001 . 3 51.1 52.1 51.1 52.1 62.3 63.6 62.3 61.2 69.0 67.5 67.5 67.5 67.5 (; F 51.1 62.6 66.9 67.2 67.5 66.9 18 gg l 52.1 52.1 63.9 68.5 68.9 69.9 68.9 G E 68.2 15001 54.8 54.8 54.8 54.8 66.6 66.6 66.9 71.1 71.5 71.8 71.8 71.9 71.8 71.8 92.3 . 3 G E 12001 92.5 82.3 91.2 96.9 87.2 97.2 A1,2 6 E 10001 . 3 60.U 60.0 78.G 18.0 79.0 a5.9 86.9 67.2 60.0 60.0 60.0 87.5 89.5 87.9 87.8 9001 60.C 60.0 60.0 78.0 78.0 79.0 86.2 87.5 R7.9 87.9 87.9 A7.9 99.3 9001 P9.6 90.0 80.0 A 2 . 5 6. 8 . 3 60.3 60.3 60.3 60.3 87.8 89.8 90.2 91.4 32.1 7631 61.3 61.0 A2.0 61.6 ſ, E 83.3 84.6 92.1 94.1 94.8 94.8 24.9 61.6 5001 95.7 GF • 3 61.6 61.6 61.6 61.6 83.9 84.3 A5.2 93.4 25.7 96.4 96.4 96.4 96.4 96.4 85.9 86.2 86.2 98.3 95.7 97.7 95.3 98.0 98.0 6 E 4001 61.6 61.6 61.6 61.6 44.6 84.9 85.2 95.1 96.7 97.4 97.4 97.4 98.4 98.7 (. F 3001 61.6 61.6 61.6 61.6 94.9 98.7 99.7 98.7 GÉ 2001 84.7 85.2 95.1 98.7 99.7 . 3 41.6 61.6 61.6 61.6 98.7 99.7 0.0 1001 61.6 าไ . 3 GE 61.6 61.6 9 , . 4 97.4 28.4 98.7 99.3 99.0 100.0

TOTAL NUMPER OF ORSERVATIONS:

305

GLOBAL CLIMATOLOGY BRANCH

USAFETAC

FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/HAC

STATION NUMBER: 250632 STATION NAME: LENINGRAD USSR

PERION OF RECORD: ≯E+R? MONTH: MAL HOURS(Effe; JAJO-9400

											<b>■</b> (1 K   1 H			(t · (1);		
EILING	• • • • • •		••••		• • • • • • •				IN STATE					• • • • • • •	• • • • • • •	
IN   FEET	10	GE 6	G E 5	GF 4		2 1/2		6F 1 1/2		6 f 1	1,4	6/8	9F 172	6t 715	61 174	of L
NO CETL	. 3	30.5	30.5	30.5	30.5	37.C	37.0	37.0	30.1	40.3	47.7	41.3	41.3	41.3	41.1	41.5
100001	. 3	33.8	30.8	3C • 8	30.8	37.7	37.7	37.7	40.0	41.0	41.0	43.0	42.7	47.0	43.0	42.0
F 180001	• 3	30.8	30.8	36.8	30.8	37.7	37.7	37.7	40.0	41.3	41.7	42.0	42.3	42.0	42.0	44.0
100001	• 3	10.8	30.8	30.8	30.8	37.7	37.7	37.7	40.0	41.0	41.	42.7	42.7	47.3	42.0	43.3
E 140001	. 3	30.8	3 D • B	30 • A	30.4	77.7	37.7	37.7	40.9	41.0	41.7	42.3	42.1	45	42.7	٧
E 120001	. 3	30.8	30.8	30.8	30.8	51.7	37 • 7	37 • 7	40.5	41.0	41.7	42.7	42.7	47.3	4.7 • 7	42.3
F 100001	. 3	38.4	38.4	38.4	38.4	47.5	47.5	47.5	50.5	51.F	61.4	53.1	5.5 • 1	5 ( . 1	5.7.1	1.1.1
F 00051	• 3	38.4	38.4	38 . 4	38.4	47.5	47.5	47.5	50.5	51.0	51.4	61.1	53.1	53.1	5.1	7.1
10008 3	. 3	₹8.4	38.4	38 - 4	39.4	97.5	47.5	47.5	50.5	51.4	51.4	53.1	51.1	5 1 . 1	51.1	s ( • 1
E 77001	. 3	38.4	38.4	38.4	39.4	47.5	47.5	47.5	50.5	51.6	51.8	< 1. i	1.1	1.1	. i	34.1
E 60001	. 3	38.4	38.4	38 . 4	39.4	47.5	47.5	47.5	50.5	51.8	51.4	53.1	5 5 • 1	6.3 • 1	51.1	13.1
€ 50001	. 3	₹9.0	39.0	39 • n	39 . J	48.2	48.2	43.2	51.5	52.8	t, 2 . a	54.1	54.1	4.1	14.1	44.1
F 45001	. 3	40.0	40.0	40.0	40.0	49.2	49.2	49.2	52.5	53.8	ς 3. α	55.1	55.1	1	(4.1	15.1
€ 40001		41.0	41.0	41.3	41.0	50.2	50.2	53.2	53.8	55.1	55.1	56.4	56.4	46.4	56.4	
E 35001	. 3	41.0	41.0	41.0	41.3	50.5	50.5	50.5	54.1	95.7	55.7	F7.6	57.7	17.0	.,0	
£ 30001	. 3	41.3	41.3	41.3	41.3	51.1	51.1	51.1	54.8	56.4	55.4	57.7	57.7	57.7	57.7	57.7
F 25001	. 3	44.6	44.6	44.6	44.6	54.4	54.4	54.8	58.4	60.0	67 <b>.</b> 7	61.3	51.3	61.3	61.3	41.3
E 20001	. 3	45.6	45.6	45.6	45.6	51.4	57.4	57.7	61.3	63.0	63.3	64.6	64.6	64.6	f. 4 . f	44.5
E 18021	. 3	46.6	46.6	46.6	46.6	58.7	58 • 7	59.0	63.0	64.6	64.9	46.2	66.2	66.2	56.2	16.3
E 15001	. 3	48.9	48.9	48.7	48.9	62.3	62.3	62.6	66.6	68.2	64.5	69.8	67.8	69.8		
E 12001	. 3	5 3 • 1	5 3 • 1	53.1	53.1	71.8	72.1	72.5	76.7	78.4	79.7	۹ () . 3	AD . 3	90.3	An T	# C . 3
E 10001	. 3	cu.8	54.8	54.8	54.4	74.8	75.1	76.1	81.3	83.3	63.9	95.2	85.2	P5.2		P 5
f. 9801	. 3	55.1	55.1	55.1	55.1	75.4	75.7	76.7	82.5	84.6	85.2	86.6	86.6	86 . b	06.6	⇒ € • 6
E Pool		55.7	55.7	55.7	55.7	76.4	76.7	77.7	83.7	26.2	84.9	98.2	88.2	93.2	90.7	88.2
E 7001	3	56.1	56.1	56 - 1	56.1	71.7	78.0	77.0	85.6	88.2	88.9	90.2	90.2	70.2	90.2	40.5
E 6001	. 3	56.7	56.7	56.7	56.7	79.0	79.3	87.3	86.7	A9.5	91.2	91.5	91.5	91.5	1.5	31.5
£ 5601	. 3	56.7	56.7	56 • 7	56.7	8U. 7	81.0	82.0	88.5	91.5	92.5	95.1	95.1	95.1	95.1	95.1
F 4001	. 3	57.0	57.0	57.0	57.0	81.6	82.0	83.D	90.2	93.1	94.1	97.4	97.4	97.4	97.4	97.4
F '001	• 3	57.4	57.4	57.4	57.4	91.0 82.0	82.3	83.3	90.8	93.8	94.8	98.0	98.0	98.0	97.4	97.4
f 2001	• 3	57.4	57.4	57.4	57.4	82.0	82.3	83.3	90.8	91.8	94.0	98.0	98.0	98.0	49.9	₹9.4
£ 1001	. 3	57.4	57.4		57.4		82.3	83.3 83.3			94.4				99.7	
r 1001	• 3	51.4	5 / • 4	57.4	5/.4	A2.0	82 + 3	7 ) • 3	90.8	93.8	94.H	98.3	98.3	99,7	44.1	105.0
F OI	. 3	57.4	57.4	57.4	57.4	85.0	82.3	83.3	90.A	93.8	94.0	98.0	98.0	99.7		1 C U • C
• • • • • • • • •	• • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •											

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIFILITY FROM FOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF PECOPD: 78-87
MONTH: MAR HOURS((ST): 0969-1100

												:		(( \ ) ) :		
CEILING	• • • • •	• • • • • •	• • • • • • •	• • • • • • •					IN STATE			• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • • • •
IN   FEET		6 6	G F 5	GF 4		GE 2 1/2		GF 1 1/2		GE 1	SE 374	G β 5 / Я	GE 1/2	6 f 6 / 1 6	9E 174	r 0
NO CEIL I		28.4	28.4	28.4	28.4	36.5	36 . 5	36.5	39.7	40.8	49.8	91.5	41.5	41.5	41.5	41.5
6F 200001	1.1	30.9	30.9	30.9	30.9	39.4	39.4	39.4	42.6	43.€	4	44.3	44.3	44.3	44.2	44.1
GE 18000[	1.1	30.9	30.9	30.9	30.9	19.4	39.4	39.4	42.6	47.6	41.4	44.3	44.3	44.3	44.3	44.5
GE 160001	1.1	30.9	30.9	30 • 9	30.9	39.4	39.4	39.4	42.6	43.6	43.6	44.3	44 5	44.3	44.3	44.5
GE 140001	1.1	3 C . 9	30.9	30.9	30.9	39.4	39.4	39.4	42.6	43.6	43.6	44.3	44.5	44.3	44.5	44. 5
GE 120001	1 - 1	30.9	30.9	30.9	30.9	39.4	39.4	39.4	42.6	43.6	4	44.3	44.3	44.3	44.3	44.3
6F 100001	1.1	11.2	37.2	37.2	37.2	48.6	48.6	48.6	51 A	53.2	53.2	54.3	54.3	5.4.3	54.₹	E 4 . 3
GE 97001	1.1	37.2	37.2	37.2	37.2	48.6	48.6	48.6	51.8	53.2	53.7	54 3	54.3	54.3	54.8	44.5
GE 80001	1.1	37.2	37.2	37.2	37.2	48.6	48.6	48.6	51.8	53.2	51.2	54.5	54.3	F4.3	54.3	14.3
GE Indel	1.1	37.2	37.2	37.2	37.2	48.6	48.6	48.6	51.8	53.2	5 . 2	54.3	54.3	4.5	54.3	4.5
GE 60001	1 - 1	37.2	37.2	37 • 2	37.2	48.6	48.6	48.6	51.a	53.2	53.2	54.3	54 - 3	54.3	54.3	٠ 4 • 3
GE 50001	1.1	37.2	37.2	37.2	37.2	48.9	48.9	48.9	52.1	5,5,5	51.5	C4.6	54.6	E4.6	54.6	· u . t.
GE 45051	1 • 1	17.2	37.2	37 . 2	37.2	49.3	49.3	49.3	52.5	53.9	51.0	55.0	55.0	55.0	55.0	55.0
6E 4F601	1.1	38.3	38.3	18 . 3	38.3	50.4	50.4	50.4	53.9	55.3	55.3	56.4	56.4	56.4	56.4	56.4
GE 35 00 1	1.1	38.7	38.7	38 . 7	38.7	50.7	50 • 7	50.7	54.3	55.7	55.7	56.7	56.7	46.7	54.7	56.7
GE 3000]	1 - 1	40.1	40.1	40.1	49.1	52.5	52.5	52.5	56.4	c 7 • 8	57.4	59.9	58.9	CA.9	50.5	46.9
6E 25001	1.1	42.5	42.9	42.9	42.7	56.0	56.0	56.0	50.9	6.1.3	61.7	62.4	62.4	62.4	62.4	62.4
65 20001	1.1	44.	44.3	44.3	44.3	58+2	58 • 2	58.2	62.4	63.8	61.0	64.9	64.9	64.9	64.9	64.9
GE IFUGI	1 • 1	45.4	45.4	45.4	45.4	59.6	59.6	59.6	63.8	65.2	65.2	66.3	66.3	66.3	66.3	(6.3
6F 15001	1.1	47.5	47.5	47.5	47.5	61.7	61.7	61.7	b6 • 3	67.7	69.1	69.1	69.1	49.1	69.1	69.1
6F 10001		53.2	53.2	53.2	53.2	69.9	69.9	70.2	76.6	78.0	79.4	79.8	79.9	79.8	79.8	79.8
6F 10801	1.1	14.6	54.6	54.6	54.6	74.1	74.1	74.8	81.6	P3.0	A 3 . 3	94.4	94.8	P4.6	84.8	F4.5
GE 7001	1.1	55.0	55.0	55.0	55.0	75.2	75 • 2	75.9	83.0	04.6	85.5	R6.9	86.9	P6.9	66.9	26.9
1604 10	1.1	55.3	55.3	55.3	55.3	77.3	77.7	78.0	85.1	P7.2	87.0	A0.4	R9.4	9.4	89.4	A Q . 4
GE 7001		15.7	55.7	55.7	55.7	19.4	19.4	80.1	87.6	99.7	90.0	92.2	92.2	22.2	92.2	92.2
5E 6001	1 - 1	* 6 . U	56.0	56.0	56.0	91.2	81.2	81.9	89.7	91.8	97.0	94.7	94.7	94.7	94.7	94.7
er rasi	1.1	c.e.4	56.4	56.4	56.4	82.6	82.6	93.3	91.1	23.3	94.3	76.1	96.1	96.1	96.1	96.1
6E 4001		56.7	56.7	56.7	56.7	P4.4	87.4	95.1	93.3	95.4	94.5	98.2	98.2	98.2	98.2	96.2
6F 7301	i . 1	56.7	56.7	56 • 7	56.7	84.4	84.4	95.1	94.1	30.4	97.5	29.3	99.3	99.3	99.3	39.3
6f 2001	1.1	56.7	56.7	56.7	56.7	84.4	84.4	85.1	94.3	96.5	97.5	99.3	99.3	99.3	99.3	39.6
6f 1001	1.1	6 . 7	56.7	56 . 7	56.7	P4.4	84.4	85.1	94.3	96.5	97.5	99.3	99.3	99.6	99.6	100.6
61 ***	1.1	56.7	56.7	56.7	56.7	9 <b>4 . 4</b>	84.4	85.1	94.3	26.5	97.5	22.3	99.3	99.6	99.6	100.0
	<b></b> .							0 / 1	,,,,,	• • • • • • •						
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### PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PEPIDD OF PECURO: 78-87 STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR HOWTH: MAR HOURS(LST): 1200-1400 VISIBILITY IN STATUTE MILES CEILING GE GE GE 4 3 2 1/2 6.1 TN | GE FLET | 10 GE 6 GE GE GE 2 1 1/2 1 1/4 6 f 4 / g GE 5 GE GE 6f 177 e. G 1 1/4 1116 1/4 NO CEIL 1 1.7 32.1 39.7 41.7 42.1 42.1 42.1 42.1 32.1 32.1 38.7 42.1 42.1 GE 200001 GE 180001 33.4 33.4 33.4 33.4 41.1 41.1 44.0 44.4 44.4 44.4 44.4 44.4 44.4 44.4 44.0 44.4 GE 140001 2.0 33.4 33.4 33.4 41.1 41.1 42.1 44.4 44.4 44.4 42.1 44.0 44.4 44.4 44.4 44.4 44.4 44,4 44.4 41.1 33.4 GE 120001 44.4 44.4 44.4 44.4 44.4 44.4 44.4 2.0 33.4 33.4 33.4 41.1 41.1 42.1 44.0 58.3 58.3 58.3 F8.3 54.2 GE 100001 42.1 42.1 54.3 54.3 55.3 57.9 50.3 5 a a 3 55.3 2.0 42.1 42.1 50.5 54.3 58.3 58.3 58.3 58.3 c 8 . 3 5 a . ? 5 a . \$ 5 a . \$ 90001 54.3 55.3 57.9 2.0 42.1 42.1 42.1 58.3 42.1 42.1 57.9 G.F ACOOL 2.0 42.1 42.1 42.1 54.3 55.3 55.3 57.9 58.3 G £ 70 UC | 42.1 54.3 54.3 60001 42.1 Sp. 3 58.3 58.3 58.3 54.1 57.9 F 8 . 3 57.9 G F 50001 2.0 42.1 42.1 42.1 42.1 54.3 54.3 55.3 58.3 50.1 58.3 58.3 53.3 58.3 54.3 50.7 58.3 5 a . t 5 F . 6 сн. 3 45001 54.3 55.3 57.9 58.3 58.3 GE 42.1 42.4 42.1 42.1 42.1 54.3 2.0 54.6 50.5 56.6 GE 40001 2.0 42.4 42.4 54.6 55.6 58.3 58.6 58.6 58.6 r.a . 6 59.3 59.3 59.3 50.3 59.3 35 no 1 43.C 55.3 56.3 57.3 G E 2.0 43.0 43.0 43.0 59.9 63.6 60.6 63.6 F.D. 6 63.7 67.7 63.2 GE 46.0 58.9 59.9 59.9 62.9 63.2 63.2 13.2 65.9 65.0 65.6 65.9 65.9 65.9 G E 23631 2.0 47.7 47.7 47.7 47.7 61.3 61.3 62.6 65.9 65.9 64.9 70.9 69.2 69.5 62.5 69.5 69.5 GE 18001 2.0 50.0 50.0 50.0 50.0 64.9 66.2 75.2 15001 54.5 54.3 70.9 72.2 75 . 5 75.45 75.5 75.5 75 . A 75.8 75.0 GE n. 1 12001 2.6 58.6 58.6 58 . 6 58.6 80.1 80.1 81.5 96.1 A6 . 1 96.4 86.4 P6.4 GE 1001 59.9 59.9 83.8 83.B 85.1 90.1 90.1 99.1 ₹0.1 90.4 Q ( . 4 2.6 59.9 59.9 GE 9001 60.3 60.3 60.3 60.3 84.8 86.1 90.7 01.1 91.1 91.1 91.1 9].4 71.4 91.4 92.1 97.4 G E P 201 2.6 6 J. 6 60.6 61.3 60.6 60.6 85.8 85.8 87.1 91.7 95.0 92.1 22.1 92.1 97.4 95.7 GF 1003 61.3 61.3 61.3 61.3 89.4 90.7 95.7 96.0 96.3 96.0 16.0 96.4 36.4 96.4 47.7 G 5001 2.6 51.3 61.3 61.3 61.3 90.4 90.4 91.7 96.7 97.0 97.7 97.7 98.0 98.0 98.0 3H.7 61.3 61.3 90.7 97.4 98.3 98.7 61.3 61.3 96.7 92.4 99.3 99.7 99.7 100.g f. F 3001 2.6 61.3 61.3 61.3 61.3 91.4 91.4 93.0 95.1 99.0 99.7 99.7 100.0 100.0 99.0 G E 2001 2.6 2.6 91.4 91.4 93.0 98. 27.7 99.7 100.0 61.3 61.3 61.3 61.3 186.3 99.0 99.7 € E 1001 r, F 01 2.6 61.3 61.3 91.4 93.0 99.0 99.7 99.7 99.7 100.0 100.0 100.0 

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VINIBILITY FROM HOURLY  $\theta_0$  SERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF PECOPO: 78-87

-		Ū										MONTH	. MAR	HOURS	(CST):	1960-17	rc
		• • • • •	• • • • • •	• • • • • • •		• • • • • •	•••••						• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	
	ILING IN J	GŁ	GE	GE	GF	GE	GE	G E	GE	IN STATE	פנ פנה אורנ	S GE	Gi				G <b>r</b>
	ET I	10	6	5	4		2 1/2		1 1/2		1	374	5 / A	GL 1/2	ų€ 4716	6E 174	υ, τ
															• • • • • •		
	• • • • •																
N 0	CEIL	1.3	35.4	35.4	35.4	35.4	3 <sub>8</sub> . 1	38 • 1	38.1	38.1	38 <b>. 1</b>	30.1	38.1	38.1	38+1	30.1	78.1
GΕ	200001	1.7	40.1	40.1	40 - 1	40.1	43.7	43.7	43.7	43.7	43.7	4 1 . 7	43.7	43.7	43.7	4 7 , 7	45.1
	180001	1 . 7	40.1	40.1	40 • 1	40.1	43.7	43.7	43.7	43.7	43.7	47.7	43.7	43.7	43.7	43.7	43.7
	160001	1.7	40.1	40.1	40 • 1	40.1	43.7	43.7	43.7	43.7	43.7	47.7	43.7	43.7	43.7	43.7	43.7
GE	140001	1.7	40.1	40.1	40.1	40.1	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	47.7	47.7
G E	120001	1.7	40.1	40.1	40.1	40.1	43,7	43.7	43.7	43.7	43.7	47.7	43.7	43.7	43.7	43.7	43.7
6 E	100001	2.0	51.3	51.3	51 • 3	51.3	58.3	50.3	58.3	58.3	58,9	50.0	54.9	58.0	ra.9	5 a . c	5 A . S
6.5	90001	2.0	51.3	51.3	51 • 3	51.3	58.3	59.3	58.3	58.3	58.9	50.9	58.9	58.9	58.9	59.9	ټيني ک
GE	80001	2.0	51.3	51.3	51 - 3	51.3	58.3	58.3	58 - 3	58.3	58.9	52.9	58.9	58.9	(8.9	14.9	C h . G
GΕ	70001	2.0	51.3	51.3	51.3	51.5	58.3	58.3	58 - 3	59.3	58.9	50.0	58.9	59.9	58.9	50.0	t, a 🖟 🖟
6 €	60001	2.0	51.3	51.3	51.3	51.3	rg. 3	59.3	58.3	58.3	58.9	50.0	58.9	59.9	58.9	59.9	5 H + +
G E	50001	2.0	51.3	51.3	51.3	51.3	56.3	54.3	58.3	58.3	59.9	50.9	58.9	58.9	58.9	56.9	53.4
GE	45001	2.0	51.3	51.3	51.3	51.3	50.3	58.3	58.3	58.3	58.9	54.9	58.7	58.9	68.9	50 0	ca.,
GE	40001	2.0	52.0	52.0	52.0	52.0	58.9	58.9	58.9	58.9	59.6	59.4	59.6	59.6	59.6	59.6	5 + 0
6 5	35 nn 1	7.0	52.3	52.3	52.3	52.3	59.3	59.3	59.3	59.3	59.9	50.9	59.9	59.9	59.9	59.9	€9.4
() Ē	36001	2.0	5 3 • 3	51.3	53.3	53.3	6D.6	60.6	60.6	60.6	61.3	61.3	61.3	61.3	61.3	61.3	F-1 + 3
5 E	25601	2.0	59.0	57.9	59.9	59.9	67.2	67.2	67.2	67.2	67.0	67.9	67.9	67.9	61.3	67.9	f 7 • ÷
GE	20001	2.0	65.2	65.2	65.2	65.2	73.5	73.5	73.5	73.5	74.2	74.2	74.2	74.2	74.2	74.2	74.2
G t.	19001	2 • 0	56.6	66.6	66.6	66.6	75.5	75.5	75.5	75.5	76 • 5	76.5	76.5	75.5	76.5	76.5	16.5
6.€	15001	2.3	68.5	68.5	68.5	69.5	79.5	79.5	19.5	19.5	90.5	87.5	80.5	80.5	P3.5	80.5	ht.5
Ğ E	17001	2.3	72.2	72.2	72.2	72.2	87.7	87.7	88.4	88.7	A9.7	89.7	89.7	89.7	P9.7	89.7	A4.7
Ģ€	10001	2.3	72.8	72.8	72 • 8	72.8	89.4	89.4	93.4	91.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
G f	9001	2.3	72.8	72.8	72.8	72.8	89.7	89.7	90.7	91.4	22.4	92.4	92.4	92.4	92.4	92.4	92.4
6 E	e co (	2.3	72.B	72.8	72.8	72.8	90.7	90.7	92.1	42.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
ű F	7601	2.3	73.2	73.2	73.2	73.2	92.1	92.1	93.4	94.0	95.0	95.0	95.4	95.7	95.7	95.7	45.7
t, F	6001	2.3	73.2	73.2	73.2	73.2	97.4	92.4	93.7	94.4	95.4	95.4	95.7	96.0	06.0	96.0	94.0
G E	5601	2.3	73.2	73.2	73.2	73.2	92.4	97.4	93.7	94.7	25.7	95.7	96.0	96.4	96.4	96.4	46.4
6 E	4001	2.3	73.2	73.2	73.2	13.2	93.4	93.4	94.7	95.7	96,7	94.7	97.4	97.7	97.7	97.7	47.7
6 E	3001	2.3	73.5	73.5	73.5	73.5	94.4	94.4	95.7	97.0	98.0	98.3	99.0	99.3	99.3	99.3	99.7
6 E	2001	2.3	73.5	73.5	73.5	73.5	94.7	94.7	96.1	97.4	98.3	99.7	99.3	77.5	24.7	99.7	100.0
БE	1001	2.3	73.5	73.5	73.5	73.5	94.7	94.7	96.0	97.4	98.3	99.7	99.3	99.7	29.7	99.7	100.0
GE	o i	2.3	73.5	73.5	73.5	73.5	94.7	94.7	04 3	0 T #	20 1	94.7	99.3	99.7	99.7	-	100.0
• • •	u:				*****		****	94.7 •••••	96.0	97.4	79.3				••••	• • • • • • •	10000 

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIPILITY
FROM HOURLY OBSERVATIONS

PERIOD OF PECORD: 78-87

MONTH: MAR HOURSILSTI: 1800-7000 STATION NUMBER: 26063C STATION NAME: LENINGRAD USSR CFILING VISIBILITY IN STATUTE MILES GE GE 3 2 1/2 IN | FEET | GE GE GE 2 1 1/2 1 1/4 GF GE ύε 5/16 uf C 10 6 3/4 5/8 1/4 1/2 NO CETE 1 2.0 37.9 37.9 37.9 37.9 19.9 TA. 7 40.0 34.4 GE 200001 43.9 40.9 40.9 42.3 42.3 42.3 42.3 42.5 42.3 42.3 42.3 42.1 42.3 42.5 42.3 42.3 42.3 GE 180001 40.9 40.9 42.3 42.3 42.3 42.3 42.3 42.3 2.7 40.9 40.9 42.3 42.3 42.3 42.3 42.3 2.7 40.9 40.9 42.3 42.3 42.3 47.3 42.3 42.3 6E 14000L 40.9 40.9 42.3 43.9 GE 120001 40.9 40.9 42.3 42.3 42.3 6E 100001 52.3 52.3 52.3 52.3 56.4 56.4 56.4 56.7 56.7 56.7 56.7 56.7 56.7 56.7 5 .. . 7 52.3 52.3 52.3 GE 90001 52.3 52.5 52.3 56.4 56.4 56.4 56.7 56.7 56.7 56.7 56.7 56. 7 51.7 G E 80001 52.3 52.3 52.3 52.3 52.3 52.3 3.0 56.4 56.4 56.4 56.7 56.7 56.7 56.7 56.7 66.7 72001 56.7 56.4 56.4 56.4 56.7 56.7 56.1 56.7 G E 60001 3.0 52.3 52.3 52.3 52.3 16.1 GΕ 50001 3.0 52.3 52.5 52.3 52. 1 66.7 56.4 56.4 56.4 56.7 56.7 F 45 . 1 4.6.7 45 001 3.p 52.3 53.4 53.4 56.7 57.7 57.7 94.7 97.7 97.7 52.3 53.4 56.4 56.7 56.7 51.7 52.3 52.3 56.4 56.4 56.7 56.7 55.7 GE 40001 53.4 57.4 57.4 57.1 35 gg | 3.0 53.4 57.4 57. u 57.7 57.7 57.7 57.7 51.7 67.7 30001 60.1 G F - 2 - 1 ٠ . . 1 59.1 GE 25 nn l 3.0 61.7 61.7 61.7 61.7 66.4 66.4 67.1 67.1 67.1 67.1 67.1 , , . 1 20001 3.0 64.1 65.8 67.6 69.8 72.8 75.5 77.5 75.5 71.5 76.6 64.1 64.1 65.8 64.1 65.8 70.5 11.5 77.5 73.5 70.5 71.5 69.B 70.1 10.5 70.5 10.5 18001 15001 65.8 67.8 GE 3.0 72.8 73.5 76.5 85.9 73.5 71.5 73.2 75.8 3.0 67.A 67.B 12001 F5. 2 86.2 87.2 07. F 7 . . 73.5 73.5 6. F 10001 3.0 73.5 73.5 73.5 87.2 98.5 92.3 89.9 0).5 20.1 90.3 90.3 G E 9001 3.0 73.5 87.6 87.6 88.3 88.6 89.6 49.6 90.1 90.6 90.6 90.6 97.6 70.6 8001 73.5 73.5 13.5 88.3 99.3 90.1 93.6 93.3 90.9 94.3 91.5 11.3 91.3 95.J 91.3 91.5 7001 3 . C 74.5 74.5 74.5 91.3 91.3 05.0 95.0 GE 6001 91.3 91.3 97.3 95.6 94.0 95.6 5001 74.5 14.5 96.3 92.3 95.3 95.0 25.0 94. . 1 97.0 97.3 97.3 97.3 97.3 97.3 93.6 93.6 74.5 74.5 74.5 74.5 74.5 74.5 GE 4001 3. P 74.5 93.3 94.3 96.1 26.3 97.7 98.3 98.7 99.0 99.0 99.0 3001 3.0 74.5 93.6 94.6 97.0 97.0 91.0 98.3 99.0 79.7 99.7 99.3 100.0 G E 2001 3.n 74.5 74.5 74.5 94.6 99.0 99.3 99.3 99.7 99.7 94.6 91.3 5.0 74.5 74.5 74.5 74.5 93.6 93.6 100.0 nl 3.0 74.5 74.5 74.5 74.5 93.6 91.6 94.6 97.0 9:.0 98.3 99.0 99.3 99.7 99.7 100.0

PERCENTAGE FREQUENCY OF OCCURPENCE OF CITCING VEHSUS VISIBILITY FROM HOURLY OBSERVATIONS

With MCMINER PERMITERING

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

FIRTOU OF RECORD: 78-67
MONTH: MAR HOURS(LST): 2100-2300

												MUNTE			(LST); .		
CEI	LING	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	••••••			IN STATE			• • • • • • •		• • • • • • •	· · · · · · ·	• • • • • • • • • • • • • • • • • • • •
	N I	GE	Gŧ	GE	GE	GE	30	GE	GE	GE	GΕ	64	614	GE	G E	r. f	1,6
	ET [	īι	ı	5	4		2 1/2		1 1/2		1	7/4	,75	1/2	°/16	1/4	C
٠.,	• • • • • • •	• • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	
N O	CEIL I	. 3	40.1	43.1	40.4	40.4	44.0	44.0	44.0	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
G E	200001	. 7	41.4	41.4	41.7	41.7	45.7	45.7	45.7	45.4	46.4	4 / 4	46.4	45.4	46.4	44.04	41.4
G E	180001	. 7	41.4	41.4	41.7	41.7	45.7	45.7	45.7	46.4	46.4	41 4	45.4	46.4	46.4	46.4	46.4
	160001	• 7	41.4	41.4	41.7	41.7	45.7	45.7	45.7	46.4	46.4	46.4	46.4	46.4	46.4	46.4	45.4
	140001	. 7	41.4	41.4	41 - 7	41.7	45.7	45.7	45.7	46.4	46.4	46.4	46.4	45.4	46.4	46.4	45.4
G E	120001	. 7	41.4	41.4	41.7	41.7	45.7	45 • 7	45.7	46.4	46.4	46.4	46.4	46.4	46.4	46.4	4 1- 4
Gε	100001	. 7	50.3	50.3	50 • 7	50.7	56.3	56.3	56.3	57.5	57.0	51.0	57.0	57.0	57.0	57.0	17.0
GĒ	90001	. 7	50.3	50.3	50 • 7	50.7	56.3	56.3	56.3	57.0	57.0	57.0	51.0	57.0	57.0	57.0	67.
GE	80001	. 7	50.3	50.3	50 • 7	50.7	56.3	56.3	56.3	57.9	57.0	57.0	57.0	57.0	57.0	17.0	e 7
GE	10001	. 7	50.3	50.3	50.7	50.7	56.3	56 • 3	56. 1	57.0	57.0	57.0	57.j	57.0	57.0	57.0	5.7 + 2
GE	60001	. 7	50+3	50.3	50 • 7	50.1	56.3	56.3	56 • 3	57.0	57.0	57.0	57.U	57 • ŋ	57.0	57.0	17.5
GΕ	50001	• 7	51.0	51.c	51.3	51.3	57.0	57.0	57.0	57.6	57.6	57.6	57.6	57.5	57.6	57.6	· 7
GΕ	45001	• 7	51.0	51.0	51.3	51.3	5.7 o	57.9	57.0	57.6	57.6	57.6	57.6	57.6	57.5	47.6	5.7.
GE	4000	. 7	.5.0	52.0	52 • 3	52.3	58.3	5 A . 3	58.3	54.9	58.9	50.9	59.9	58.9	58.9	r, n , y	' 4 . v
GΕ	35 00 l	• 7	5.3 • 0	5.3 +0	63.3	53.3	59.6	59.6	59.6	60.3	60.3	6P.3	60.3	60.3	€ <b>0 •</b> 3	67.3	60.3
GE	10001	. 7	55.0	\$ 5 · ù	55.3	55.3	61.9	61.9	61.9	62.9	62.9	62.9	62.9	62.9	45.3	65.3	62.9
GE	25001	• 7	58.6	5A.6	58.9	58.9	66.2	66.2	66.2	67.2	67.2	67.2	67.2	57.2	57.2	67.2	67.2
6 E	20001	. 7	62.6	62.6	62.9	62.9	70.9	70.9	70.9	71.9	71.9	71.9	71.9	71.9	71.7	71.9	71.3
GΕ	1 P G C	. 7	64.2	64.2	64.6	64.6	72.5	12.5	72.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
Ģ €	15601	. 7	66.6	66.6	66.9	66.9	76.8	76.8	76.8	77.9	77.8	77.9	77.R	77.8	77.3	77.R	17.A
GΕ	12001	• 7	71.9	71.9	72.2	72.2	A(-1	86.1	86.1	87.1	87.1	87.1	87 • 1	A 7 • 1	97.1	A7.1	я7.4
6 E	10001	. 7	12.5	12.5	72 • 9	72.8	88.1	89.1	88.4	89.7	90.1	90.1	97.1	90.1	ಿ ರ . 1	90.1	\$ <b>6.4</b>
GE	3001	. 7	72.6	72.8	73.2	73.2	89.7	89.7	90.4	92.1	92.4	92.7	92.7	92.7	92.7	97.7	93.6
bF	Fuel	. 7	72.8	72.8	73.2	73.2	94.4	90.4	91.1	93.7	94.0	94.4	94.4	34.4	94.4	74.4	94.7
υE	7001	. 7	73.5	73.5	73.8	73.8	91.7	91.7	92.4	95.0	95.4	96.0	96.0	96.2	96.0	36.0	46.4
G.€	400l	. 7	73.5	71.5	73.8	73.8	92.4	92.4	93.0	95.7	96.C	97.0	97.0	97.7	21.0	97.0	07.4
G F	5001	. 7	73.5	73.5	73.0	11.8	92.4	92.4	93.0	95.7	96.4	97.4	91.4	97.4	97.4	27.4	97.7
G E	4001	. 7	73.6	73.5	73.8	73.8	93. C	93.0	93.7	96.4	97.0	98.0	98.3	98.7	98.7	99.7	99.3
GF	1001	. 7	73.5	73.5	73.8	73.8	93.0	93.0	93.7	96.4	27.4	9R.3	98.7	99.0	99.0	99.0	100.0
6 E	2001	. 7	73.5	77.5	73.A	73.8	93.O	91.0	93.7	96.4	97.4	9 A . 3	79.7	99.3	99.0	92.0	100.0
6 E	1001	• 7	73.5	73.5	73.8	73.R	93.0	93.0	93.7	96.4	91.4	98.3	98.7	99.7	99.0	99.0	106.0
6 F	21	. 7	13.5	73.5	73.8	73.8	93.0	91.0	93.7	96.4	97.4	99.3	98.7	99.0	99.)	99.0	100.0
						. <b>.</b>											

### PERCENTAGE FREWDENCY OF OCCURPENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 260610 STATION NAME: LENINGRAD USSR ### 100 OF ##COPO: 78-87 MINTH: MAD HOURSIL'11: CEILING GE GE GE 4 3 2 1/2 IN 1 GE FEET 1 10 GF G E 6f 6715 SF C 172 5/8 1/4 42.0 NO CELL 1 40.0 42.0 . A 34.6 34.6 34 . 7 34 - 7 39.8 41.9 41.9 GF 20conl 16. 3 36 . 3 36.3 43.6 44.2 36.3 47.9 47.0 47.0 GE 180001 36.3 36.3 36 . 3 36.3 41.9 41.9 43.5 43.9 44.2 44.2 1.1 GE 160001 GE 140001 1.1 36.3 36.3 36 . 3 36 - 3 41.9 41.9 42.1 42.1 43.6 43.9 44.2 44.2 44.2 44.2 44.2 41.9 36.3 36.3 1.1 16.3 36.3 120001 36.3 36 . 3 36.3 41. 9 41.9 44.2 44.2 44.2 44. 1000001 1.2 44.8 44.8 44.9 44.9 5, 5 . 3 53.3 53.5 55.2 55.2 55.8 55.8 55.6 56 - 1 56.1 56.1 56.1 56.1 56 · 1 44.9 53.5 56 • 1 56 • 1 56.1 56.1 GE 90001 1.7 44.A 44.8 44.9 53.3 53.3 56.1 53.5 55.2 55.8 55.8 5 c . a 5 c . a 44.8 44.9 44.9 53.3 51.3 70001 44 . 9 44 . 9 E 3+ 3 53.3 56.1 44.8 44.8 56.1 56.1 6,000 53.5 53.6 53.7 53.6 56.5 56.7 50001 45.0 45.0 45.1 45.1 53.8 55.6 56.2 56.5 55.5 66.4 56.7 54.0 54.6 45001 45.1 46.1 55.9 57.1 56.7 58.3 56.7 58.0 G.F 45.1 45.2 45.2 53.9 56.4 56.7 46,1 46.2 54.8 54.9 55.1 57.6 57.6 58.3 58.0 58.0 46.2 CA. 7 55.5 58.6 Is F 35001 1.2 46.6 46.6 46 . 6 46.6 55. 7 57.7 SR . 3 58.6 58.6 56.9 30001 47.8 47.9 57.0 57.2 59.4 60.0 60.0 60.4 60.4 60.4 66 61.5 65.0 asaal aaaal 52.0 52 . ü 61.5 65.0 -1.9 51.9 61.9 54.5 69.4 70.4 68.7 59.7 16.7 6, 0 14.9 65.0 61.7 68.3 68.1 69.7 54.6 54.6 1001 55.9 58.5 GE 1.2 55. 1 55.9 56.9 65.9 67.3 69.7 70.4 70.7 70.7 73.4 74.5 74.6 70.9 6 E 12001 62.H 52.8 62.9 62.9 79.3 19.4 P4.0 54.1 84.5 84.5 64.5 10001 63.8 64.0 98.2 98.2 PB \_ 2 HA . 2 F F . 3 b E 63.9 63.0 82.1 82.2 83.1 86.8 87.6 87.8 64.1 n 4 . 5 9001 A2.9 83.0 83.9 67.9 B.8 89.1 **49.5** 89.5 6 4 . b 64.3 64.2 64.2 94.Z 96.3 84.7 85.4 89.5 90.5 97.7 97.3 91.7 G F e 00 f 1.3 A5.3 91.2 91.2 91.2 91.3 1.3 64.8 7001 64.8 87.4 93.4 93.9 95.A 95.7 1004 87.2 GE 5001 1.3 65.1 65.2 65.2 65 • 2 65 • 2 65.2 88.0 88.1 89.1 91.8 95.1 ge, a 36.5 96.5 36.7 95.7 c6.7 97.0 6,5 24.2 98.3 1.3 8.89 89.9 89.3 90.0 90.4 95.0 26.3 98.0 98.1 98.2 1001 1.3 65.3 65.3 65.4 65.4 A9.2 95.7 97.1 97.0 9A.A 99.0 99.1 99.1 99.4 65.4 89.4 97.9 6 € 2601 1 . 3 45.3 65.3 65.4 A9. 2 90.4 95.7 97.2 94.9 99.0 99.1 99.7 99.7 90.4 97.2 99.4 1001 1.3 65.3 65.4 99.3 106.0 65.3 21 1.3 99.5 100.0 90.4 95.7 39.0

# GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY USAFETAC FROM HOURLY OBSERVATIONS AIR WEATHER SERVICE/MAC

STATION NUMBER: 240630 STATION NAME: LENING PAD USSR

PERIOD OF PECORD: 78-87
MONTH: APR HOURS(LST): 0000-0200

												MONTH	: APP	HOURS	(LST): (	000-02	00
				• • • • • •													
	ILING									IN STATE							
	IN   EET	GE 1 n	GE 6	G F 5	GF 4	GE,	65	GE	GE	6 E	GE,	GE 374	G L 5 / 8	GE 1/2	6F 5716	6E 174	() t
	: E. I	-		5			2 1/2		1 1/2		1					1/4	Ü
• •	• • • • • • •		• • • • • • •		• • • • • •	• • • • • • •	•••••	• • • • • • •		• • • • • • •			• • • • • • •		• • • • • •		• • • • • • • • • • • • • • • • • • • •
N O	CEIL 1	• 3	41.2	41.2	41.2	41.2	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	47.4	47.4	47.4
GE	200001	• 3	43.6	43.6	43,6	43.6	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	50.2	50.2	50.2
	180001	• ?	43.6	43.6	43.6	43.6	49.5	49.5	49.5	47.5	49.5	40.5	49.5	49.5	50.2	50 • 2	50.2
GE	160001	• 3	43.6	43.6	43.6	43.6	49.5	49.5	49.5	49.5	49.5	49.5	49.5	47.5	5.0 . 2	50.2	* C • Z
	140001	. 3	43.6	43.6	43.6	43.6	49.5	49.5	49.5	49.5	49.5	47.5	49.5	49.5	50.5	50.2	50.2
G €	120001	. 3	43.6	43.5	43.6	43.5	49.5	49.5	49.5	49.5	49.5	49.5	47.5	49.5	50.2	5g.2	56.2
G.F	160001	. 3	54.6	54.6	54.6	54_6	64.6	64.6	64.6	64.6	64.6	64.6	64.0	64.6	65.3	65.3	66.U
GE	90001	• 3	54.6	54.6	54.6	54.6	64.6	64.6	64.6	64.6	64.6	64.6	64.5	64.6	65.3	65.3	t 6 • C
GE	80001	• 3	54.6	54.6	54.6	54.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	65.3	55.7	€6.0
G€	72031	• 3	54.6	54.6	54 . 6	54.6	64.6	64.6	64.6	64.5	64.6	64.6	64.6	64.6	65.3	65.3	66.0
GE		. 3	55.0	55.0	55.0	55.0	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.6	65.6	46.3
6 F	5000	• 3	55.7	55.7	55.7	55.7	66.3	66.3	66. 3	<b>€6•3</b>	66.3	66.3	66.3	66.3	67.0	67.0	€ 7 • 7
GĘ	4500	• 3	56.7	56.7	56.7	56.7	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	68.0	68.D	£8.7
6 F	40001	• 3	57.4	57.4	57.4	57.4	68.0	68.J	68.0	68.0	68.0	60.7	68.0	68.0	68.7	69.7	69.4
6 F	3500	• 3	58.1	58.1	58 • 1	58 • 1	68.7	68.7	68.7	69.1	69.1	67.1	69.1	69.1	69.8	69.8	70.4
G E	30001	• 3	60.1	60.1	60.1	60.1	71.5	71.5	71.5	71.A	71.8	71.9	71.8	71.8	72.5	72.5	73.2
G.F.	25001	. 3	65.6	65.6	65.6	65.6	78.C	78.0	78.0	78.0	78.4	70.4	78.4	78.4	79.0	77.0	79.7
6 F	70001	. 3	66.2	56.3	66.3	66.3	78.7	78.7	78.7	79.4	79.4	70.4	77.4	79.4	80.1	80.1	F O . A
G F	icosi	. 3	67.0	67.0	67.0	67.0	79.7	79.7	79.7	80.4	RO.4	я 4	80.4	80.4	81.1	81.1	P 1 - H
G F	15001	• 3	68.4	68.4	68.4	68.4	82 · 1	82.1	82.1	82.8	P2.P	82.8	92.8	82.8	P3.5	83.5	84.2
i, F	17001	• 3	12.2	72.2	72.2	72.2	P8. D	88.0	88.0	89.1	89. T	80.1	87.3	99.3	3 () • C	90•0	9 a . 7
( <b>,</b> f	10001	. 3	73.5	73.9	73.9	73.9	۶ <b>۱.</b> و	90.0	90.0	91.4	91.4	71.4	91.4	91.8	92.4	92.4	93.1
6 E	9001	• 3	74.2	74.2	74.2	74.2	90.7	90.7	90.7	92.1	92.1	92.1	92.4	92.4	93.1	93.1	93.A
G E	8001	. 3	74.6	74.6	74.6	74.6	91.1	91.1	91.1	93.5	93.5	21.5	93.8	23.8	94.5	94.5	95.2
G.F	7001	.3	74.9	74.9	74.9	74.9	92.8	92.8	92.8	95.9	95.9	96.2	96.6	96.6	97.3	97.3	97.9
6.5	6071	. 3	75.3	75.3	75.3	75.3	93.1	93.1	93.1	96.9	96.9	97.3	97.6	97.6	98.3	98.3	99.0
.,						. , • •					•	, . • ,					• •
G-F	5001	• 3	75.3	75.3	75.3	75.3	93.8	93.8	93.8	91.6	97.6	97.9	98.3	98.3	09.0	49.0	99.7
G E	4001	• ?	75.3	75.3	75.3	75.3	93.8	93.8	93.8	97.6	97.6	97.9	98.3	98.3	09.0	99.0	99.7
5 E	3001	• 3	75.3	75.3	75.3	75.3	7 3. 8	93.R	93.8	97.6	97.6	97.9	98.3	98.3	99.C	99.B	99.7
6 F	2001	• 3	75.3	75.3	75 . 3	75.3	93.8	93.8	93.8	97.6	97.6	97.9	98.3	98.3	99.0	60.0	99.7
ં દ	1001	• 3	75.3	75.3	75.3	75.3	93.8	93.8	93.8	97.6	37.6	97.9	98.3	98.3	99.3	99.3	100.0
6 F	21	. 3	75.3	75.3	75 • 3	75.3	93.8	93.8	93. A	97.6	97.64		98.3	98.1	99.3	99.3	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CELEING VERSUS VISIBILITY FROM HOUDLY DRIERYATION'S

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF PECURD: 78-47
HONTH: APR HOURSTESTI: 0300-0500

CFILING  IN   6L   6L   6L   6L   6L   6L   6L   6													E					
THE   1   10   6   6   6   6   6   6   6   6   6					• • • • • • •		• • • • • • •											• • • • • • • • • • • • • • • • • • • •
March   10   6   5   4   13   2   17   2   1   174   1   1   1   1   1   1   1   1   1				cr														
## A CELL   3   40.6   40.6   40.6   40.6   46.8																		
NO CET   3, 90% 90% 90% 90% 90% 90% 90% 90% 90% 90%		-																
NO CET   3, 90% 90% 90% 90% 90% 90% 90% 90% 90% 90%				• • • • • •								<i></i> .						
6F 200001																		
GE 180001 33 41.6 41.6 41.6 41.6 41.6 41.6 41.6 41.6	NO	CEIL	• 3	40.6	40.6	40.6	40.6	46.8	46.8	46.3	47.A	48.1	4 P • 1	48.1	48.1	46.1	44.1	4 4 . 1
GE 180001 33 41.6 41.6 41.6 41.6 41.6 41.6 41.6 41.6																		
Second   13   41.6	G F	200001	• 3	41.6	41.6	41.5	41.6	48.1	4 R . ]	48.1	49.1	49.5	40.5	44.0	49.5	49.5	49.5	44.8
OF   160001   3	G F.	180001	. 3	41.6	41.6	41.6	41.6	48 1	48.1	44.1	49.1	49.5	49.5	49.5	40.5	49.5	49.5	49.8
6F 140001         3         41.6         41.6         41.6         41.6         41.6         41.6         48.1         48.2         48.5         49.5         <	G E	160001	. 3	41.6	91.6	41.6	41.6	48.1		48.1	49 1	49 . c	42.5	40.5	49.5	42.5	49.5	49.+
Section   Sect	G.E	140001	. 3	41.6					_		•	-						-
bE 100021         .3         52.9         52.9         53.2         53.2         63.2         62.8						-					-							-
6	• •	11.001	• •	. 1.0	41.0	41.0	41.0	****		7.7	* * * *		• • • ·	• • • •	***	-743	****	4 7
6	1. 5	100021	. 1	62.4	\$2.0	53.2	5 2 . 2	6 - 0		. 2 0	64.7	4 5 6	, r t	66. 5		44 4	4.7 5	/ L
66 80001																		
OF         7 0 0 1         .7         52.9         53.2         53.2         53.2         62.8																	-	
6E 60001 3 52.9 52.9 53.2 53.2 62.8 62.8 62.8 64.2 65.5 65.5 65.5 65.5 65.5 65.5 65.5 65																		
0f 5000   .7   53.6   53.9   53.9   54.5   64.5   64.5   64.6   66.6   6											-					65.5	65.5	65.9
6E 4*001 .3 53.9 53.9 54. 54.3 64.8 64.8 64.8 64.8 64.8 64.8 64.8 64.8	€ E	60001	. 3	52.9	52.9	53.2	53.2	65.8	62 • P	62.8	64.2	65.5	50.5	1 c 2 1 c	55.5	65.5	65.5	55.4
6E 4*001 .3 53.9 53.9 54. 54.3 64.8 64.8 64.8 64.8 64.8 64.8 64.8 64.8																		
6t 40001 3 55.3 55.3 55.0 55.6 66.6 66.6 66.6 67.9 67.0 57.0 57.0 77.5 77.5 77.5 66.5 69.6 69.6 69.6 66.9 66.9 66.9 68.7 70.0 70.0 70.0 70.0 70.0 70.0 70.0 7		50001	• 3		53.6	53.9	53.9	64.5	64.5	54.5	65.3	61.2	57.2	67	67.2	67.2	67.2	67.t
6E         35001         .3         55.6         56.0         56.0         56.0         66.9         71.7         71	GΕ		• 3	53.9	53.9	54.	54.3	64. R	64.8	64.A	66.2	67.6	67.6	61.6	67.6	67.6	67.6	67.7
66 3008	GΕ	40001	. 3	55.3	55.3	55.0	55.6	66.6	65.4	66.6	67.0	40.6	10 a h	69.6	69.6	69.6	69.6	70.J
66 3000	υE	35001	• 3	55.6	55.6	56.0	56 • B	66.9	66.9	66.9	68.3	70.0	10.7	71.0	73.7	70.0	70.0	71.3
6f 2f SO   33 62-1 62-1 62-1 62-5 62-5 74-4 74-4 74-4 74-4 74-4 74-4 74-4 74	6€	30001	. 3	57.0				68.6	68.6	64.6	13.3	71.7	71.7	71.7	71.7			
6t         2000          .3         62.5         62.8         62.8         76.1         76.1         76.1         77.6         79.2         79							• -	- 0				•				• • •		
6t         2000   .3         62.5         62.8         62.8         76.1         76.1         76.1         77.6         79.2	() F	25501	. 3	62.1	62.1	62.5	62.5	74.4	74.4	74.4	7 ° P	77.4	17.5	17.5	77.5	77.5	77.5	71.8
6E 18301 3 63.5 63.8 63.8 63.8 77.5 77.5 77.5 77.8 80.5 80.5 80.5 80.5 80.5 80.5 80.0 67.9 67.9 67.9 67.9 85.0 85.0 85.0 87.0 87.0 88.7 88.7 88.7 88.7 88.7 88	θŧ	20001	. 3	6.2.5	62.5	62.8		76.1	76.1	76.1								
06         15 3 1         3 5 5         5 5 6 8 8         6 3 8         78.2         78.2         78.2         79.2	( F																	
51 17051 -3 67.6 67.6 67.9 67.9 65.0 85.0 85.0 85.0 86.7 88.7 88.7 88.7 88.7 88.7 88.7 88.7																-	-	
of 10301 .3 67.9 67.9 68.3 68.3 86.0 86.3 86.0 87.0 87.0 87.0 87.0 87.0 1.1 1.1 1 1.																		
of         9001         .7         68.5         68.6         68.6         68.6         68.6         68.6         68.6         68.6         68.6         68.9         68.4         68.6         68.9         68.		1 c ((i) 1	• )	00	P 1 • D	01.7	61.4	75.U	9	45.11	8740	** • /	H - 1	44.7	48.7	88.7	84.7	69.1
of         9001         .7         68.5         68.6         68.6         68.6         68.6         68.6         68.6         68.6         68.6         68.9         68.4         68.6         68.9         68.	. f	10301	1	6.7.0	4 7 0	40 1	40 7	94 6	04 7	0.4.7	. 0 7	00		9.0				
0f 8001 .7 69.6 68.6 68.9 68.9 68.9 87.4 87.4 87.4 93.1 91.8 91.8 91.8 91.8 91.8 92.2 66 70.0 70.0 70.0 90.4 91.1 91.1 95.6 97.6 98.7 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.3													-					
6f 7331 3 64.6 68.8 68.9 68.9 88.4 88.7 88.7 93.7 93.7 93.9 93.9 93.9 93.9 93.9 93																		
61 6031 • 1 68.6 68.6 68.9 (8.9 89.1 89.8 89.8 93.6 95.2 95.2 95.2 95.2 95.2 95.2 95.2 95.2									-									
61					-			PR. 4		98.7		03.0		93.9	93.9		93.9	94.2
68 4001 .7 69.6 69.6 70.0 70.0 40.4 91.1 91.1 75.6 97.6 98.3 98.3 98.3 98.3 98.3 96.6 67 3001 .3 69.6 69.6 70.0 70.0 40.8 91.5 91.5 96.2 98.3 48.5 48.6 99.3 99.3 99.3 99.3 99.7 68 1001 .7 69.6 69.6 70.0 70.0 90.8 91.5 91.5 96.2 98.3 48.5 48.6 99.3 99.3 99.3 99.3 99.3 100.0	t, F	6.001	• *	68 <b>.</b> 6	6 R . 6	68.9	f A . 9	89.1	85.B	P 4 . A	95.5	95	95.0	34.5	95.2	95.2	95.2	95.6
68 4001 .7 69.6 69.6 70.0 70.0 40.4 91.1 91.1 75.6 97.6 98.3 98.3 98.3 98.3 98.3 96.6 67 3001 .3 69.6 69.6 70.0 70.0 40.8 91.5 91.5 96.2 98.3 48.5 48.6 99.3 99.3 99.3 99.3 99.7 68 1001 .7 69.6 69.6 70.0 70.0 90.8 91.5 91.5 96.2 98.3 48.5 48.6 99.3 99.3 99.3 99.3 99.3 100.0																		
6f 200f -7 69-6 69-6 70-0 70-0 70-8 91-5 91-5 96-2 98-3 98-6 99-3 99-3 99-3 99-3 100-0  6f Cf .7 69-6 69-6 70-0 70-0 70-8 91-5 91-5 96-2 98-3 98-6 99-3 99-3 99-3 99-3 100-0	15 F	* 001	. 3	69.6	69.6	70.0	70.0	20.1	₹r.8	8 . C P	94.5	04.6	46.7	96.9	96.9	96.9	96.9	07.3
6f 200	G £	4001	• 1	63.6	69.6	70.0	70.0	90.4	91.1	91.1	15.6	97.6	OF. O	98.3	98.3	98.3	9A.3	96.6
6f     7f     <	4, 5	3001	• 3	49.6	69.6	70.0	70.0	90.8	91.5	91.5	96.2	98.5	48 . 6,	99.0	99.0	99.3		
6f 1004 .* 69.6 69.6 70.0 70.0 20.8 91.5 96.2 98.3 98.6 99.3 99.3 99.3 100.0	G.E	2001	. *	49.6	69.5	70.0												
6f Cf .7 69.6 69.6 70.0 70.0 90.8 91.5 91.5 96.2 98.3 98.6 99.3 99.3 99.3 100.0	6 F	1001	, ₹															
100.0										,				• ,	,	.,,,		
100.0	GF	C 1	,	69.1	69.6	70 • U	10.0	¢., я	91.5	91.5	96.2	90. 1	9 R . 6	39. 1	30.1	99.1	90 1	100.0
		-																

TOTAL NUMBER OF ORSERVATIONS: 293

# FERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VEHSUS VISIBILITY FROM FOURLY OBSERVATIONS

STATION NUMBER: 260630	STATION NAME:	LENINGRAD USSR
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ST	ATION I	NU MBE P :			ON NAME:							HONTH		HOURS	(LST): (		
		• • • • • •	• • • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	•• ••• • •						• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •
	ILING IN	I GE	GF	6 E	GF	GE		Q E A 121	GE BILIIA	IN STATI	J≀t M.L. 6€	61	51	G E	GE	SE	(,E
	IN EET	1 10	GF £	5	4		GE 2 1/2		1 1/2		1	3/4	5/8	1/2	E/16	1/4	-1
																-	
• •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • • •		•••••		• • • • • • • •	• • • • • • •		• • • • • • •			• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
N C	CEIL	1 . 7	34.4	34 •4	34 • 4	34.4	42.1	42.1	42.1	42.8	42.8	43.2	43.2	43.5	43.5	43.5	43.5
GE	20000	1 . 7	35.8	35.8	35.8	35.8	43.9	43.9	43.9	44.6	44.6	44.9	44.9	45.3	45.3	45.3	45.7
G f	18000	1 . 7	15.6	35.₽	15.8	35.8	43.9	43.9	43.9	44.6	44.6	44.9	44.9	45. 7	45.3	45.3	45.3
ūΕ	16000	1 . 7	35.8	35.8	35.8	35.8	43.9	43.9	43.9	44.6	44.6	44.9	44.9	45.3	45.3	45.3	45.3
GΕ	14000	1 .7	35.8	35.8	35 • 8	35.8	43.9	43.9	43.9	44.6	44.6	44.7	44.9	45. 1	45.3	45.3	45.3
G F	12000	1 . 7	35.P	3 r, •8	35 • 8	35.8	43.9	43.9	43.9	44.6	44.6	44.9	44.9	45.3	45.3	45.3	45.3
GE	10000	1 .7	44.5	44.9	44.9	44.9	57.5	57.5	57.5	58.9	59.3	60.0	60.0	67.4	60.4	62.4	€ 6 • 4
G E	9000		44.9	44.9	44.9	44.9	51.5	57.5	57.5	58.9	69.3	60.7	60.0	60.4	60.4	60.4	6 C • 4
GE	C008		44.9	44.9	44.9	44.9	57.5	57.5	57.5	58.9	59.3	67.7	60.0	63.4	60.4	60.4	60.4
GE	7000		44.9	44.9	44.9	44.9	57.5	57.5	57.5	58.9	69.3	ບ້າ•ຳ	60.0	60.4	63.4	60.4	16.4
G F	6700		44.9	44.9	44.9	44.9	57.5	57.5	57.5	58.9	59.3	6 n • n	60.0	60.4	50.4	67.4	65.4
ćΕ	5000	1.1	46.0	46.E	46.0	46.0	58.6	58.€	58.6	60.0	60.4	61.1	61.1	61.4	61.4	61.4	61.4
G F	44.00		46.3	46.3	46 . 3	46.3	58.9	58.9	58.9	60.4	60.7	61.4	61.4	61.8	61.8	61.6	61.6
G.E	4000		47.4	47.4	47.4	47.4	60. C	60.0	60.0	61.4	61.8	62.5	62.5	62.8	68	62.8	12.4
5 E	3500		47.7	47.7	47.7	47.7	60.4	60.4	60.4	61.A	F2.1	62.ª	62.F	63.2	63.2	63.2	(3.2
G E	3000		49.5	49.5	49.5	49.5	62.1	62.1	62.1	03.5	63.0	64.0	64.9	65.3	45.3	65.3	65.3
6 <b>E</b>	2500	1 1.1	55.4	55.4	55 • 4	55.4	68.4	68.4	68.4	70.5	70.9	71.0	71.9	72.3	72.3	12.3	7
υE	2000	1 1.1	57.5	57.5	57.5	57.5	71.6	71.6	71.6	73.7	74.0	75 - 1	75.1	75.4	75.4	75.4	75.4
f, F	1900	1.1	58.6	58 .6	58 • 6	59 - 6	72.6	72.6	72.6	75.1	75.4	76.5	76.5	76.9	76.8	76.A	76.8
6.5	1500	1 1.1	60.7	60.7	60.7	61.7	75.1	75 • 1	75.1	77.5	77.9	70.9	79.9	79.3	79.3	19.3	74.5
ŰΕ	1200	1 1.1	66.0	66.0	66 • 0	66.0	82.1	82.1	82.1	84.5	e 5 + 3	85.3	n6.3	86.7	R6.7	86.7	F 6 . 7
ſιξ	1069	1 1.1	66.3	66.3	66 • 3	66.3	A4.6	84.6	84.6	87.7	PR . 1	80.1	89.1	89.5	89.5	AQ.5	F9.5
G E	306	1 1.1	66.3	66.3	66 • 3	66.3	84.6	84.6	84.6	88.1	P8.4	89.5	99.5	89.P	R9.8	A O . A	2.4.6
6 E	8 JC	1 1.1	67.0	67.0	67.0	67.0	86. O	86.0	86.3	89.9	7.09	91.2	91.2	71.6	21.6	91.6	91.6
6 F	7 00	1 1.1	67.€	67.0	67.3	67.0	₽6.U	86.0	86.7	90.5	90.9	41.9	91.9	92.3	92.3	92.3	97.1
(, E	€00	! 1.1	67.U	67.C	67.0	67.3	86.D	86.0	96.7	90.5	91.6	92.6	93.5	93.3	03.3	91.3	93.3
6 E	, 0C	1 1.1	67.L	67.C	67.0	67.0	86. D	86.0	86.7	97.5	91.9	97.3	93.7	94.0	94.0	94.0	94.3
G €	400		67.4	67.4	67.4	67.4	87.7	87.7	88.4	92.3	94 . C	75.4	96.1	97.2	97.2	97.2	97.2
GΕ	3.00	1 1.1	67.4	67.4	67.4	67.4	A8.1	88.1	8.89	93.3	95.1	96.5	97.2	98.2	98.6	94.6	98.6
G€	2 00	1.1	67.4	67.4	67.4	67.4	88.1	88.1	89.8	93.,	95.1	46.5	97.5	98.6	28.9	98.9	99.3
GF	100	1 1.1	67.4	67.4	67.4	67.4	88.1	88.1	88.8	93.3	95 • 1	96.5	97.5	98.6	99.3	99.3	99.6
6 €	O	1 1.1	67.4	67.4	67.4	67.4	98.1	88.1	8 . 8	93.3	95.1	96.5	91.5	99.5	99.3	99.3	100.0

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIFICITY FROM HOUPLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECUPD: 78-87 MONTH: APR MOURSCLSTI: 0957-1100 VISIBILITY IN STATUTE MILES
GE GF GE GE GE
2 1 1/2 1 1/4 1 7/4 CEILING GE GE GE GE GE 6 5 4 3 2 1/2 G F 5 / 9 IN | GE FEET | 10 GE 1/2 c/16 1/4 - 5 NO CETE | 1.0 34.6 41.3 41.3 41.3 42.0 42.7 42.7 42.7 42.7 42.7 47.7 4:.7 42.7 42.7 43-4 44.1 44.1 44.1 44.1 44.1 44.1 44.1 36.0 42.7 42.7 43.4 GE 180001 36.0 36.0 36 • O 36 • C 42.7 44.1 44.1 44.1 44.1 44.1 44.1 44.1 1.0 36.0 36.0 42.7 44.1 44.1 44.1 44.1 44.1 44.1 GE 160001 1.0 36 .C 36.0 36 ⋅ € 44 - 1 GE 140001 GE 120001 36 . 0 42.7 42.7 44.1 44.1 44.1 44.1 44.1 44.1 44.1 36.0 42.7 1.0 36.0 36.0 36.0 42.7 44.1 ra.j 50.0 1.7 45.8 45.8 45.8 45.8 55•9 55•9 56.3 57.3 58.0 58.0 58.0 GE 100001 55.9 50.0 58.0 50.0 50.0 56.3 56.3 58.0 5.8.0 58.0 58.0 90001 1.7 45.8 45.8 45.8 45.8 55.9 57·3 57·3 58.0 58.0 58.0 60.0 G F ٠ م. ل د م. ل 80001 70001 45.8 45.8 45.8 45.8 55.9 55.9 55.9 55.9 58.0 58.0 G. F 1.7 45.8 45.8 58.0 εA.O 45.8 60001 55.9 56.3 58.0 58.0 58.0 45.8 r 4 . 4 58.4 CH . 4 50.4 54.4 54.4 G F 50001 1.7 46.2 46.2 46.2 46.2 56.3 56.3 56.6 57.0 57.7 58.4 5° • 7 61 • 5 62 • 2 58.0 50.7 54.7 58.7 58.7 58.7 c. 6 . 7 45001 46.2 46.2 46.2 GF 1.7 46.2 56.6 56.6 49.D 49.3 49.C 59.8 60.5 61.5 62.2 61.5 61.5 62.2 61.5 61.5 G E 40001 1.7 49.0 49.3 59.4 59.4 60.8 61.5 61.5 49.3 G E 35001 49.3 60.1 60.1 62.2 3100 l 60.8 62.6 62.6 62.6 62.6 62.5 72.4 77.4 77.8 72.4 25001 58.0 58.0 58.0 58 • C 70.3 70.3 70.6 72.4 72.4 77.4 72.4 7 t p 73.8 73.8 2000| 1800| 73.B 73.8 73.8 G E 2 - 1 59.1 59.1 59.1 59.1 71.7 71.7 72.0 73.1 74.5 76.6 76.6 76.6 G E 76.6 76.6 76.5 61.2 61.2 61.2 74.1 74.1 61.2 G E 15001 76.9 77. 3 78.3 79.4 77.7 77.7 77.7 υ£ 82.2 83.2 83.9 85.3 R6 . 4 86.7 87,4 87.4 F 7 . 4 G F 10001 2 - 1 68.5 68.5 68.5 68.5 P 3. 2 68.9 69.6 6 P . 9 8F.1 6 E 9001 68.9 68.9 84.6 84.6 85.3 86.7 87.8 89.8 89.8 88.8 84.6 8.88 91.6 91.6 8 00 1 2.1 2.1 69.6 69.6 69.6 86.7 87.8 86.7 87.8 87.4 89.5 90.6 91.6 91.6 91.6 6 F 92.3 69.9 93.0 95.5 6 F 6001 49.9 69.9 89.9 90.6 94.1 94.4 ¢5.5 95.5 95.5 95.5 e no L 2 · 1 2 · 1 70 - 3 70.3 91.3 95.1 94.5 96.5 96.5 96.5 96.5 96.5 G F 70.3 70.3 90.6 90.6 94.1 96.2 4001 97.9 97.9 13.6 91.3 91.3 92.0 94.8 95.8 97.6 97.6 97.9 70.6 70.6 70.6 70.6 96.2 98.6 G.F 1001 2 • 1 10.6 70.6 70.6 91.3 91.3 92.0 94.8 Q P . 6 99.0 99.0 99.3 2001 91.3 96.9 49.3 99.3 99.0 100.0 GF 2.1 70.6 70.6 70.6 91.3 92.0 94.8 1001 70.6 70.6 70.6 79.6 92.0 96.9 99.3 99.3 100.0 29.0 70.6 70.6 01 2.1 70.6 91.3 91.3 92.0 94.8 96.2 04.0 99.0 99.0 99.3 99.3 100.0

STORAL (EIMATCLOGY BRANCH

#### PERCENTAGE FREQUENCY OF OCCURRENCE OF CELLING VERSUS VESTELLITY FROM HOUPLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87 MONTH: ACE FOURS (151): 1207-1406 VISIBILITY IN STATUTE MILES CFILING GF GF 1 374 GE GF GE 2 1 1/4 IN | GE FEET | 1 | 10 51 1/2 1/16 1/4 NO CETE 1 2.5 15.7 36.0 36 . J 36. . 18.0 3 P . O 38.0 3F . 0 18.0 30.0 38.0 14.0 47.1 43.1 4 3 . 1 93.1 03.1 47.1 43.1 6E 26000) 2.0 40.1 47.4 40.4 49.4 4 4 . 1 43.1 4 : - 1 43.1 4:.1 4:.1 4:.1 40.4 43.4 43.4 43.1 43.1 45.1 43.1 43.1 2.0 2.0 40.1 45.1 43.1 43.1 45.1 6E 180001 40.4 40.4 43.1 43.1 4 1 . 1 43.1 47.1 6t 160001 40.4 43.1 43.1 43.1 43.1 43.1 40.4 68 142001 2.0 40.1 40.1 40.4 43.1 43.1 43.1 43.1 43.1 43.1 43.1 43.1 43.1 40.4 43.1 6E 100J01 s1.2 51.5 41.5 51.5 56.9 56.9 57.2 57.2 57.2 67.2 51.2 11.2 1.2 2.7 GE 90001 GE 80001 GE 70001 57.7 57.7 57.7 \$1.7 \$7.2 \$7.7 57.2 57.2 57.2 57.7 57.7 2.7 51.2 51.5 51.5 51.5 51.5 56.9 57.2 57.2 57.2 51.2 51.5 56.9 57.2 57.2 57.2 57.2 57.2 <7.2 51.2 51.5 56.9 56.9 56.9 55.9 51.2 51.2 51.2 6.7.2 57. c 1.2 to E 60001 51.2 51.5 51.5 51.5 56.9 56.9 51.2 57.2 57.7 SE.2 2.7 2.7 2.7 2.7 68.2 59.2 \*8.2 58.0 58.2 18.2 (, F 50001 52.2 52.2 52.5 52.5 52.5 52.5 55.9 52.5 57.9 57.9 58.2 57.9 61.3 45001 57.9 58.2 58 + 2 68.2 50.0 58.2 59.2 58.2 52.5 61.6 62.0 63.6 6 E 40001 31001 55.6 55.9 55.9 61.6 62.6 61.6 61.6 62.0 61.3 61.6 61.6 51.6 11.6 61.6 56.2 62.0 67.6 56.2 £1.6 62.3 56.2 61.6 62.0 6 Ł 30001 57.6 57.9 57.9 63.3 63.6 63.6 63.5 63.6 6.6 25.001 1.4 72.7 71.4 73.4 73-4 73.4 73.4 73.4 71.4 66.0 66.3 66.3 72.7 7 1 . 1 73.4 77.1 77.1 77.1 77.1 77.1 77.1 20001 69.4 76.1 17.8 76.1 77.9 76.4 78.1 77.1 Ģ € 3.4 59.3 69.4 57.4 77.1 7R . 8 P 2 . 2 18001 70.4 70.7 70.7 10.1 78.9 82.2 78.8 78.8 78.8 is E 1500 | 7.4 12.1 72.4 72.4 72.4 8.18 80.8 81.1 82.2 82.2 93.9 P2+2 90+9 82.2 A 2 . 2 78.8 90.9 99.9 ۰.3ء 92.3 92.3 90.1 92.3 92.3 92.3 92.3 92.3 υf 10001 78.8 79.1 77.1 89.9 90.2 89.9 78.8 79.8 79.1 79.1 79.1 89.9 91.6 80.9 91.6 90.6 94.6 9001 7.4 92.9 92.9 47.7 92.9 92.9 92.9 92.9 54.5 94.6 96.3 G E 94.6 94.6 74.6 8 0 0 L 3.4 94.6 700 96.3 96.3 G E 6.001 79.1 79.5 79.5 79.5 93.9 93.9 94.6 97.6 97.6 97.6 98.0 98.0 98.0 SH. ! 98.7 98.7 G F 5001 3.4 79.1 79.5 79.5 79.5 94.3 94.3 74.9 98.0 28.0 S R . 7 98.7 4001 3.4 79.5 79.8 79.8 79.8 95.3 95.3 96.0 99.0 99.0 22.7 37.7 99.1 79.7 99.1 6.5 TODE 3.4 79.5 79.5 77.8 79.8 19.8 95.3 95.3 96.0 99.0 99.0 99.7 99.7 99.1 99.7 99.7 2001 3.4 99.0 99.0 90.7 77.8 19.8 95.3 96.0 99.7 97.7 79.7 79.3 99.0 170.0 G E 1001 3.4 79.5 79.8 99.0 99.0 99.1 100.0 100.0 01 3.4 79.5 72.8 79 - F 79.8 95.3 95.3 96.0 99.C 99.0 97.[] 99.7 99.7 100.0 100.0 100.0

GLORAL CLIMATOLOGY RRANCH AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CETEING VEHICLE VEHILLITY

STATION NUMBER: 250639 STATION NAME: LENING PAD USSR PENIOD OF PECOPOS 78-87 HONTH: APP HOURS (LST): 1507-1750 VISCOLLITY IN STATUTE MILES et ' CETEINS GE GE GE 4 3 2 1/2 GF 6 S E S 6E 65 6E 2 1 1/2 1 1/4 6E 374 FEET 1 1/2 1/15 5/11 10 1/4

39.1 34.3 NO CELL 1 3.7 37.3 37.3 37.3 37.3 38.3 30.3 34.3 38.3 38 - 3 13.1 44. 6F 200001 44.7 44. 43.4 4 7.4 43.4 43.4 44. 7 44.7 44.7 44.7 44. 44.7 . . . 44.7 65 140001 65 160001 65 140001 44.7 44.7 44.7 44.7 44.7 49.3 44.7 4.1 43.4 43.4 43.4 43.4 44.7 44.7 44.7 44.7 40.7 . 43.4 43.4 44.7 44.7 44.7 44.7 4 4 . / 4 4 . 2 44. 44.7 . . . . . . . 44.7 GE 120001 4 1 .4 43.4 44.7 44.7 44. 0.0 64. . . . . 5.7.6 6.7.6 6.7.6 2.7.6 6 1.6 6 1.6 6 1.6 57.3 57.3 51.6 \* 7. t \* 7. 6 . . . 6F 100001 4.7 54.2 54.2 54.2 54.3 57.3 57.6 17.6 54.2 54.2 54.2 54.2 57.3 57.6 57.5 7. 4.7 4.7 4.7 54.2 54.2 lagee 90001 70001 54 . 2 54.2 57.3 57.3 57.1 51.3 57.1 57.6 57.6 67.5 G E 6.5 601 54.2 54.2 54.2 54.2 4.7.3 57.6 57.5 57.6 . . . . 50001 45001 40001 35001 54.9 65.3 58.5 . . . . 6 E 54.9 54.9 1.6 . 0 50.0 58. 1 54. 69.1 54.7 ٠, ٠ ٠. . . . . . . 4.7 54.9 ٠. 56.3 61.7 61.7 11. 1.7 4.7 55.3 58.3 55 + 3 58 + 3 5,0,3 50.1 ca. 6 54.4 ... r a . . 14. 6 E 61.4 61.4 61.7 53.1 61,7 11.1  $\begin{smallmatrix} t & 1 & 1 \\ & \cdot & 1 \end{smallmatrix}$ 1. 59.7 30001 63.1 63.1 53.1 bt . 1 55.1 16.4 66.4 66.4 11.4 2° go ! \* 4 \* . 4 \* . 4 \* . 1 ..., 74.6 79.0 80.0 82.0 79.6 74+6 79+0 74.1 78.3 78.3 4.0 74 . 6 63.1 64.7 87.5 01.4 01.1 02.1 8 1 . 4 1 . 1 1 . 2 4 45.1 48.1 0.1 5.1 65 ن. و 79 19.0 63.0 □ ₹ • 1 A 5. 4 . . . 19 351 19 351 65.0 60.0 84 + 7 87 + 5 95.1 F4.1 6.6 0.08 45 - 1 96 - 1 64.1 91.6 86 + 8 93.6 94 . . ٠ 4 . . - 4 - . . 4 . . 47.5 47.5 47.5 10001 87.5 87.5 97.5 A7.5 95. b 45.46 .... 41. . 4. .... 46.6 2. . 6 67.5 87.5 0. 11. 14 40.00 35 Q 44.9 6.8 ят. « нт. ч 35.3 96.6 94.4 7 K . . 96.9 44. ¢ (, \$ 9: 9 96.9 76.. 87.5 87.5 26.4 25.9 91.4 6. A 7.5 ×1. 7001 4 . q 97.5 97.4 . . . . 9A . 5 34.6 ¥9.6 9 ... 5001 97.5 09.3 50,3 99.3 90 t 6.8 A7.5 97.5 p1.5 97.3 97.7 94.0 98.0 99.7 29.1 99.3 99.7 fs £ 4601 R1.5 99.0 99.3 99.3 6.0 87.5 97.5 67.5 99.0 99.7 29.7 2001 97.5 97.5 97.5 77. 1 27.1 24.1 90. ] 22.0 99.7 19.7 99.7 99.7 49. 1001 6.5 87.5 94.0 22.0 92.1 99.7 99.7 99.7 100.0 ol 5.8 6.7 . F. 87.5 87.5 A7.5 97.3 98.0 99.0 23.0 99.7 09.7 99.7 99.7 99.7 100.0

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VEHICE VILLETY
FROM HOURLY OBSERVATIONS

FERTOD OF FECURO: 78-87

STATION NUMBER: 26063C STATION NAME: LENINGRAD USSR

HONTH: APP HOURS(LST): 1803-2000 CEILING IN | GE FEET | 10 NO CEIL 1 4.2 42.7 42.7 42.7 50.0 50.0 56.0 50.0 50.0 50.0 50.0 50.0 ... 100001 5 ^ . ^ 5 ^ . ? 5 ^ . ? 10.0 50.1 50.0 53.2 53.3 5.6 47.9 47.9 47.9 47.9 50.0 50.0 .0.0 50.0 68 16-00| 68 14000| 47.9 47.9 47.9 50.0 50.0 50.0 50.0 50.6 50.0 50.0 50.0 . . . . 5.6 47.9 47.9 47.9 47.9 47.9 GE 120001 5.6 47.9 47.9 50.0 50.0 50.0 50.0 50.0 10.0 64.0 64.0 6 '.1 6 '.1 6 '.1 6 '.1 . 7.1 6E 100001 5.9 64 . .7 64.0 66.8 67.1 67.1  $\begin{smallmatrix} 6&7&1\\6&7&1\end{smallmatrix}$ p 1.1 66 .8 67.1 67.1 67.1 17.1 F 1 - 1 - 1 - 1 - 1 90001 64.0 64.0 64.0 64.0 66.8 66.8 67.1 67.1 67.1 67.1 67.1 67.1 67.1 5.0 67.1  $\frac{67.1}{67.1}$ 64.C 67.1 67.1 67.1 67.1 67.1 GE 80001 5.9 64.0 64.0 64.0 66.8 66.8 67.1 70001 64.3 64.0 66 .8 67.1 64.D 5.9 5.9 6.3 GE sccol 64.3 64.3 64.3 64.3 67.1 67.1 67.5 67.5 67.5 67.5 61.5 67.F 72.P 67.8 72.0 72.7 GE 45001 64.7 64.7 68.9 64.7 64.7 67.5 67.5 67.8 67.A 67.8 6-7 . H 67.A 67.8 67.0 72.0 40001 68.9 12.0 72.0 72.0 72.0 71.7 71.7 72.0 1...5 GF 35 cm L 6.3 69.6 69.6 69.6 69.6 12.1 72.1 72.1 12.7 30001 72.0 72 • U 72.0 7 . . . 75.5 75.5 75.5 e 5.9 25 Jol 80 - 1 83.6 83.6 83.9 83.9 9.58 A3.9 A 3 . 9 F1.5 2 . 9 90.1 80.1 6.3 81.5 81.5 86.4 87.1 88.8 96.7 97.4 96.7 87.4 # + . 7 # 7 . 4 ωĒ 20001 81.5 81.5 86.7 86.7 8 f . 7 86.7 87.1 88.8 1001 GE 92.2 82.2 87.4 89.2 87.4 89.5 87.4 B7.4 A7.4 97.4 A 3. 2 63.2 R9.5 12001 95.8 A 7 . 8 87.8 87.8 87.8 95.1 95.1 95.5 95.8 95.8 05.8 55.6 G € 10001 6.3 87.8 87.8 97.2 87.8 87.8 87.3 96.5 96.5 96.9 97.2 97.2 97.2 97.2 97.2 27.7 97. 87.8 97.2 97.2 97.9 9001 97.2 97.9 97.9 97.9 97.9 27.7 97.9 97.6 8 50 l A 7.8 87.8 91.6 97.7 97.9 4.6 5.3 87.9 27.9 97.9 97.9 77.9 27.9 57.9 5. 28.1 88.1 88.1 88.1 98.3 99.0 99.3 59.3 29.3 99.3 90.3 5001 6.3 98.1 88.1 88.1 89.1 07.9 97.9 94.3 99.0 99.0 99.3 99.3 99.3 99.3 99.3 99.3 88.1 97.9 97.9 84.1 88.1 97.9 97.9 98.3 99.3 99.5 99.7 6 E 4001 6.3 88.1 100.0 100.0 100.0 100.0 100.0 88 - 1 3001 6.3 P8 - 1 88.1 88.1 100.3 100.0 100.0 100.0 100.0 G.E 2001 6.3 88.1 8 R . 1 88 - 1 88.1 97.9 97.3 98.3 99. 1 99.1 99.7 100.0 100.0 100.0 120.3 100.0 100.0 6.3 88 . 1 100.0 89.1 100.0 100.0 88.1 01 6.3 98.1 88.1 97.9 99.7 100.0 100.0 100.0 100.0 100.0 98. 1 97.9

### PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

	ET [	10	6	5	4		2 1/2		1 1/2		1	7/4	5/4	1/2	1115	174	η
• • •		• • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • • • • • •
N 0	CEIL 1	1.4	46.4	46.4	46.4	46.4	49.5	49.5	49.5	49.9	49.8	40.4	49.5	47.8	49.8	4	4
G E	200601	1.4	49.2	49.2	49.2	49.2	52.5	52.5	52.5	53.2	53.2	53.2	53.2	53.2	53.2	51.0	53.2
GΕ	180001	1.4	49.2	49.2	49.2	49.2	52.5	52.5	52.5	53.2	53.2	57.2	13.2	53.2	53.2	53.2	
GE	160001	1.4	49.2	49.2	49.2	49.2	52.5	52.5	52.5	53.2	53.2	5 1 . ?	53.2	53.2	53.2	51.2	5.1.7
GE	140001	1.4	49.2	49.2	49.2	49.2	52.5	52.5	52 • 5	53.2	53.2	57.2	53.2	55.7	53.2	5 * • 2	13.7
⊌ €	120001	1.4	49.2	49.2	49.2	49.2	52.5	52+5	52.5	53.2	53.2	5 * • 7	93.2	53.2	• 3 • 2	2 * • ?	53.7
GE	100001	1.4	59.3	59.3	59.3	59.3	66.4	66.4	66.4	67.1	67.1	67.1	67.1	6.7.1	67.1	6.7.1	. 7.1
GE	90001	1.4	59.3	59.3	59.3	59.3	66.4	66.4	66.4	67.1	67.1	67.1	57.1	57.1	67.1	67.1	£ 7 . 1
GΕ	80001	1.4	59.3	59.3	59.3	59.3	66.4	66.4	66.4	67.1	67.1	67.1	67.1	57.1	67.1	57.1	47.1
GΕ	10001	1.4	59.7	59.7	59.7	59.7	66.8	66 • 8	66.8	67.5	57.5	67.5	47.5	67.5	67.5	67.	F 7.5
GE	ec 00 l	1.4	59.7	59.7	59 • 7	59.7	66.8	66.8	66.8	67.5	67.5	67.5	67.5	67.5	67.5	1, 7 . C	47.°
GE	50001	1.4	60.3	60.3	60.3	69.3	67.8	67.9	67.9	68.5	68.5	6 a . t.	44.5	68.5	68.5	64.5	t e . :
GE	45 DO	1.4	61.4	61.4	61.4	61.4	68.8	68.8	68.8	69.5	69.5	6.3.5	69.5	69.5	69.5		6 4 . 5
6 E	40001	1.4	63.7	63.7	63.7	63.7	71.2	71.2	71.2	71.9	71.9	71.3	71.9	71.9	71.9	71.9	11.
6 E	35 00 l	1.4	64.7	64.7	64.7	64.7	72.2	72.2	72.2	12.9	72.9	12.9	12.9	72.9	72.9	72.4	72
GΕ	30 00 I	1.4	66.8	66.8	66 . 8	66.8	74.6	74.6	74.6	75.3	75 • 3	7 C . T	75.3	75.3	75 + 3	75.3	15 + 3
6 E	25001	1.4	12.5	72.5	72.5	72.5	R1.4	81.4	81.4	82.0	A2.0	82.0	H2.0	92.J	٥.5.	47.0	٠٥
GΕ	20001	1.4	74.9	74.9	74.9	74.9	84.1	84.1	84.1	85 • 1	P5 • 1	8 % • 1	95.1	85.1	0.5 • 1	F 5 . 1	45.1
GÉ	18001	1.4	75.€	75.6	75.6	75.6	85.1	85.1	85.1	86.1	A6.1	6/.1	F6 . 1	96.1	96.1	A + . 1	· · · 1
GE	15001	1.4	76.6	76.6	76.6	76.6	96.4	86.4	86.4	87.5	87.5	A 7 . ",	P7.5	87.5	97.5	47.5	67.5
G €	12001	1.4	92.C	82.0	82.0	82.0	94.9	94.9	74.9	96.6	96.6	96.6	36.6	96.6	26.46	46.6	56.4
G E	10001	1.4	92.6	82.0	P2.0	82.0	75.6	95.6	95.6	97.3	97.3	97.7	97.3	97.3	97.3	97.1	57.3
GE	9601	1.4	92.4	82.4	82.4	82.4	96.3	96.3	96.3	98.0	36.0	98.7	9.0	98.0	0.80	98.0	96.5
ĢΕ	1009	1.4	82.4	82.4	82.4	82.4	96.3	96.3	96.3	98.0	98.0	98.0	98.G	98.7	98.3	40.0	5 A & C
GF	7001	1.4	92.4	82.4	82.4	82.4	96.9	96.9	96.9	98.6	98.6	30.6	98.6	98.6	76.6	98.5	4.42
G E	6001	1.4	A2.4	82.4	82.4	82.4	96.9	96.9	96.9	98.6	98.6	98.6	9 A . 6	4. 46	06.6	98.6	48.6
GE	5001	1.4	92.4	82.4	82.4	87.4	96.9	96.9	96.9	98.6	99.0	99.3	09.3	99.5	79.3	40.1	<b>cv.</b> t
GΕ	4001	1.4	A 2 . 4	A 2 .4	A2.4	82.4	97.3	97.3	97.3	99.0	99.3	97.7	99.7	99.7	99.7	42.7	59.7
GE	3001	1.4	A 2 . 4	82.4	82.4	82.4	77.3	97.3	97.3	99.0	99.3	99.7	99.7	99.7	94.7	99.7	99.7
GE	2001	1.4	82.4	82.4	82 • 4	82.4	97.3	97.3	97.3	99.()	99.3	97.7	99.1	99.7	99.7	40.7	0 2. 7
G f.	1001	1.4	92.4	82.4	82.4	82.4	97.3	97.3	97.3	99.0	99.3	99.7	99.7	99.7	99.7	49.7	100.0
G€	91	1.4	82.4	82.4	82.4	82,4	97.3	97.3	97.3	99.0	99.3	99.7	99.7	99.7	99.7	99.7	100.0

### PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR PERIOD OF PECURD: 78-87 MONTH: APR HOURS (LST): ALL VISIBILITY IN STATUTE MILES GE GE GE GE CEILING GE GE GE 4 3 2 1/2 GE GE GE GE GE GE GE 6E 5 IN I GE FEET I 10 t. 5/8 5/16 1/4 15 1/2 43.9 NO CEIL | 1.7 39.1 39.2 39.2 39.2 43.4 43.4 43.4 43.8 43.9 47.9 44.1 44.1 GE 200001 42.3 42.3 46.8 47.4 47.6 46.8 47.4 47.3 GE 180001 1.9 42.2 42.3 42.3 42.3 46.8 46.8 46.8 47.3 47.4 47.4 47.4 47.5 47.5 47.6 GE 140001 1.9 42.2 42.2 42.2 42.3 42.3 42.3 46.8 46.8 46.8 47.2 47.3 47.4 47.4 47.4 47.5 47.5 47.5 47.5 47.6 47.2 47.4 42.3 42.3 46.8 46 .8 46.8 42.3 42.3 GE 120001 1.9 42.3 47.2 47.3 47.4 47.4 47.4 47.5 47.6 46.8 6F 100001 53.4 53.4 53.5 53.5 61.0 61.8 61.8 62.1 62.2 2.2 61.0 61.2 62.2 62.2 62.3 62.3 62.4 00001 2.2 53.4 53.4 53.5 53.5 61.0 62.2 62.2 62.2 62.3 62.3 G E 61.0 61.2 62.3 F7.4 53.4 icuna 5 3 4 5 3 4 53.5 61.0 61.0 62.1 62.2 62.3 62.4 70001 61.1 61.1 2.2 53.5 61.1 61.3 61.8 62.1 62.2 62.2 62.2 62.3 62.3 62.5 60001 61.9 62.2 62.2 62.2 62.3 62.4 62.5 61.1 61.3 G.F 50001 2.3 54.2 54.2 54 . 3 54.3 62.1 62.1 62.2 62.8 63.1 67.2 63.4 63.2 63.2 63.3 4500 | 4000 | 2 · 3 2 · 3 54.6 57.0 54.6 57.0 54.7 63.3 GE 54 . 7 62.5 62.5 62.7 63.6 63,8 61.8 63.9 57.0 64.9 57.0 66.1 GE 64.9 65.1 66.0 66.1 66.2 66.2 66.2 66.4 57.6 GF 35001 57.6 68.5 68.9 G F 62.0 69.0 69.0 69.1 67.1 69.2 2500 I 2000 I 66 • 9 75.9 77.1 77.3 66.9 76.1 77.3 77.4 66.8 77.3 17.5 2.6 58.7 69.8 69.8 69.9 68.8 79.9 81.3 87.0 81.4 G f. 68 • 8 78.5 78.5 78.7 79.5 40.0 RO . 1 80.2 18001 2.6 P1.6 79.9 80.9 81.4 6.5 79.9 80.0 91.5 81.6 1.00 83.2 90.4 83.4 82.2 93.6 12001 76.1 76.1 76.2 88.8 88.8 90.8 91.7 91.1 91.1 91.2 91.2 91.3 GE 10001 90.2 90.2 90.5 92.7 76 . 7 76 . 7 92.1 76.6 76.7 92.5 92.8 92.8 92.9 9-.9 93.0 9001 76.8 76.8 77.1 77.2 93.3 93.5 73.6 93.6 93.7 76.9 90.8 90.8 92.8 93.2 93.5 76 • 9 77 • 1 91.1 G F 9001 2.7 77.1 77.1 91.5 93.8 94.2 94.4 94.5 94.6 94.6 94.8 2.7 17.2 77.3 92.5 92.5 96.0 97.0 7001 77.3 92.9 95.2 95.6 95.8 96.0 96.1 96.1 96.2 97.0 97.1 97.3 G F 5601 2.7 77,4 77.5 77.5 93.4 93.5 93.9 96.4 97.0 97.5 97.A 97.8 97.9 97.9 98.0 94.0 94.1 97.1 97.3 99.2 98.5 GE 4001 2.7 77.6 77.€ 77.7 77.7 93.9 94.4 97.7 99.6 98.8 98.9 98.9 99.0 3001 17.6 11.6 77.7 77.7 94.5 99.3 99.3 94.0 99.0 99.1 99.4 98.0 71.6 77.7 77.1 94.1 98.5 98.5 € F 2001 2.7 77.6 77.7 94.0 99.7 1001 77.6 94.5 94.0 97.3 99.1 98.0 99.6 4.00 100.0 01 2.7 77.6 77.6 77.7 77.7 94.1 94.5 97.3 98.0 99.1 99.6 99.6 100.0 99.3

GLOBAL CLIMATOLOGY BRANCH USAFETAC

# PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR PERIOD OF RECORD: 78-87 HOURS (LST): 0000-0200 MONTH: MAY VISIBILITY IN STATUTE MILES CEILING GE GE 3 2 1/2 IN | GE FEET | 10 GE 6 GE 5 GE GE GE 2 1 1/2 1 1/4 GE G.F GE t-F G 374 10 1 5/8 1/2 E/16 1/4 NO CEIL | 1.0 46.8 46.8 49.5 49.5 49.5 49.5 49.8 49. P 49.8 49 R 49.8 49.A 49.8 52.9 52.9 52.9 52.8 52.8 52.8 52.0 5.7.4 GE 200001 1.0 48.8 49.2 49.2 52.5 52.5 52.5 52.8 52.8 52.8 52.8 52.8 GE 180001 1.0 48.8 49.2 49.2 49.2 49.2 52.5 52.5 52.5 52.5 52.5 52.5 52.5 52.8 52.8 52.8 52.A 52.A 52.8 52.8 48.8 49.2 GE 160001 1.0 52.5 52.8 GE 146001 GE 120001 1.0 49.2 49.2 49.2 52.5 52.5 \$2.5 52.8 52.A 52.A 52.8 52 . A 52.8 52.8 42.A E . . B 49.2 52.5 52.8 1.0 48.8 49.2 49.2 52.5 52.5 52.5 52.8 E 2 . H £ 7. c 1.0 61.5 61.5 66.9 67.2 67.2 67.2 67.2 GE 100001 61.2 61.5 66.6 66.6 66 .6 67.7 67.7 67.2 1.0 66.9 67.2 67.2 67.2 £ 7.. GE 90001 61.2 61.5 61.5 61.5 66.6 66.6 66.6 67.2 67. 67.2 67.2 80001 61.2 61.5 61.5 61.5 66.6 66.6 66.6 66.9 67.2 67.2 1.7. 66.9 66.6 66.6 70001 1.0 61.5 61.5 61.5 66.6 67.2 60001 61.5 66.9 67.6 67.6 + 7.0 70.9 69.9 GΕ 50001 45001 1.0 63.9 64.2 64.2 64.2 69.9 69.9 70.6 70.9 70.7 70.9 70.9 71.2 70.5 70.9 71.2 71.2 71.6 64.5 64.5 70.2 70.2 71.2 71.2 71.2 1.0 64.5 71.2 73.2 71.2 64.2 70.2 73.2 40001 1.0 65.9 66.2 66 • 2 66.2 12.2 72.2 72.2 72.9 73.2 13.2 73.2 73.2 73.6 66.2 73.6 35001 1.0 65.9 72.6 72.6 72.6 73.2 73.6 73.6 73.6 30001 G E G E 25001 1.0 79.6 79.9 79.9 79.9 86.6 87.6 P7.6 89.7 90.3 20001 1.0 80.9 81.3 81.3 81.3 88.0 88.0 88.0 88.6 A9.C 99.0 89.0 89.0 89.0 89.0 90.3 89.3 89.3 90.0 90.3 90.3 90.3 90.3 90.3 GE 18001 1.3 81.9 82.3 82.3 62.3 89.3 90.6 G.F 15001 91.9 82.3 89.6 89.6 90.3 90.6 90.6 93.6 95.7 90.6 95.7 90.6 90.6 12001 35.6 86.0 95.0 GΕ 95.3 95.3 96.7 96.7 96.7 ٠. 10001 1.3 A6.0 86.3 86.3 86.3 95.3 96.0 96.7 96.7 96 . 7 86.3 87.0 87.0 f, F 9201 86.0 86.6 86 • 3 86.3 95.7 95.7 95.7 96.7 97.3 97.3 98.3 97.3 97.3 97.3 97.3 98.3 97.3 87.0 96.3 98.3 99.3 98.3 GE 1.3 87.0 96.3 96.3 98.3 6.6 7001 96.7 97.0 98.7 94.7 98.7 96 • 7 97 • 0 87.0 G E 6001 1.3 96.6 87.0 87.0 97.0 98.0 99.0 99.7 99.0 99.0 99.0 99.0 99.0 68 5001 1.3 96.6 87.0 87.D 87.0 97.0 97.0 97.0 98.0 99.0 99.1 99.0 99.3 99.0 99.0 97.C 4001 96.6 87.0 87.0 87.0 97.0 98.7 100.0 100.0 100.0 100.0 100.0 100.0 1.3 100.0 87.0 87.0 87.0 87.0 97.0 97.0 97.0 97.0 G.F 1001 1.3 86.6 87.0 97.0 94.7 100.0 100.1 100.0 100.0 100.0 100.0 100.0 2001 97.0 1.3 26.6 87.0 98.7 100.0 100.0 100.0 100.0 170.0 100.0 100.0 97.0 1001 1.3 87.0 87.0 97.0 100.0 100.0 01 1.3 87.0 87.0 87.0 97.0 97.0 97.0 98.7 100.0 100.0 100.0 100.0 100.0

### PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VIRSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

												HONTH			1(511:			
CEI	LING	• • • • •			• • • • • • •					IN STATE			• • • • • • •				• • • • • • • •	• • •
İ		GE	GE	GE	GE	GE	GE	GΕ	GE.	GE	GE	5 €	G.F	GE	68	GE	GE .	
FE		10		5	4		2 1/2		1 1/2	1 1/4	1	1/4	5/B	1/2	5/16	1/4	0	
							50.7		50.7	51.7	51.7	51.7	52.0	52.3	52.3			
N U	1 1130	• 7	45.3	45.3	45.3	45.3	200	50.7	30.1	31.1	31.1	3	77.0	32 . 3	22.5	52+3	*2.3	
	100001	. 7	47.0	47.0	47.0	47.0	52.7	52.7	52.7	53.7	53.7	5 7 . 7	54.0	54.3	54.3	54.3	c 4 * 3	
	180001	. 7	47.0	47.0	47.0	47.0	52.7	52.7	52 • 7	53.7	53.7	57.7	54.0	54.3	54.3	54.3	54.3	
	16000	. 7	47.0	47.0	47.0	47.0	52.7	52.7	52.7	53.7	53 • 7	57.7	54.0	54.3	54.3	54.3	54.3	
	140001	• 7	47.3	47.0	47.0	47.0	52.7	52.7	52.7	53.7	53.7	53.7	54.0	54 • 3	54 • 3	54.3	54.3	
GE	120001	. 7	47.0	47.0	47.0	47.0	5 2 • 7	52.7	52.7	53.7	53.7	53.7	64.3	54.3	94.3	54.3	e u • 3	
GΕ	100001	. 7	58.0	58.0	58.0	58.0	66.7	66 • 7	66.7	68.0	68.0	68.0	68.3	68.7	68.7	68.7	EH.7	
GΕ	90001	. 7	58.0	58.0	58.0	58.0	66.7	66.7	66.7	68.0	68.0	6P.9	68.3	69.7	68.7	6B.7	18.7	
6 E	80001	.7	58.D	58.0	58.0	58.0	66.7	66.7	66 • 7	68.0	68.0	6 P . O	68.3	68.7	69.7	69.7	68.7	
GE	70001	. 7	58.0	58.0	58.0	58.0	66.7	66.7	66.7	68.0	68.0	6º.0	64.3	68.7	68.7	69.7	60.7	
υ.Ε	60001	• 7	58.0	58.0	58.0	58.0	66.7	66.7	66.7	68.0	68.0	60.9	68.3	68.7	68.7	68.7	68.7	
GE	5ccol	. 7	59.7	59.7	59.7	59.7	68.3	68.3	68.3	70.0	70.0	70.0	70.3	70.7	70.7	70.7	70.7	
GΕ	45001	• 7	59.7	59.7	59.7	59.7	68.3	68.3	68.3	70.0	70.0	70.0	70.3	70.7	70.7	70.7	10.1	
G E	40001	• 7	63.0	63.0	63.0	63.0	71.7	71.7	71.7	73.3	73.3	77.3	73.7	74.0	74.0	74.0	74.0	
G E	35001	. 7	63.0	63.0	63.0	63.0	72.0	12.0	72 · n	73.7	73.7	73.7	74.0	74.3	74.3	74.3	74.3	
G F	30001	• 7	63.0	63.0	63.0	63.0	72.0	72.0	72.0	73.7	73.7	77.7	74.0	74.3	74.3	74.3	74.3	
G E	2* 00	. 7	73.7	73.7	73.7	73.7	83.D	83.0	83.0	84,7	P4 - 7	84.7	85.0	85.3	95.3	85.3	85.3	
GF	20001	. 7	74.3	74.3	74.3	74.3	83.7	83.7	93.7	86.7	A6.0	86.0	86.3	86 • 7	86.7	86.7	86.7	
GE	18001	. 7	74.7	74.7	74 . 7	74.7	84.3	84.3	84.3	86.7	86.7	86.7	87.3	87.3	A7.3	87.3	87.3	
GF	15001	. 7	75.0	75.0	75.0	75.0	85.7	85.7	85.7	89.0	98.0	88.0	88.3	99.7	88.7	89.7	P8.7	
G E	12001	. 7	79.3	79.3	79.3	79.3	91.3	91.3	91.3	94.0	94.0	94.0	94.3	94.7	04.7	94.7	94.7	
6 F	10001	. 7	79.7	79.7	79.7	19.7	91.7	91.7	91.7	94.3	94.3	94.5	94.7	95.0	95.0	95.0	95.0	
GF	9601	• 7	80.0	80.0	80.0	80.0	92.0	92.0	92.0	94.7	94.7	94.7	95.0	95.3	95.3	95.3	95.3	
GF	AGGI	• 7	80.3	80.3	90.3	80.3	93.3	93.3	93.3	96.0	96.0	96.7	96.3	96.7	96.7	96.7	96.7	
GΕ	7001	. 7	80.3	80.3	80.3	80.3	93.7	93.7	93.7	97.0	97.0	97.0	97.3	91.7	97.7	97.7	97.7	
G F.	P001	. 7	A 0. 3	80.3	80.3	80.3	93.7	93.7	93.7	97.0	97.0	97.5	97.3	97.7	97.7	97.7	97.7	
GF	£ 00 l	. 7	80.3	80.3	80 • 3	80.3	94.3	94.3	94.3	97.7	97.7	97.7	98.0	98.3	98.3	98.3	98.3	
GE	4001	. 7	8 1 • O	81.G	81.0	81.0	95.0	95.0	95.0	98.7	98.7	99.7	99.3	99.7	99.7	99.7	99.7	
GE	3001	. 7	81.0	81.0	81.0	81.0	95.0	95.0	95.0	98.7	98.7	98.7	99.3	99.7	99.7	99.7	99.7	
GF	2001	. 7	91.C	81.0	81.3	81.0	95.0	95.0	95.0	98.7	98.7	98.7	99.3	99.7	99.7	99.7	99.7	
G E	1001	. 7	81.0	81.0	81.0	81.0	95.0	95.0	95.0	98.7	98.7	99.7	99.3	99.7	100.0	100.0	100.0	
GE	01	. 7	91.0	81.0	81.Q	81.6	95.D	95 • 0	95.0	98.7	98.7	98.7	99.3	99.7	100.0	100.0	100.0	

## PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VICIBILITY FROM HOURLY OBSERVATIONS

-							NGRAD U					HINDH	: 44 Y		(157):		
	LING		• • • • • •		•••••	• • • • • •		VISI	BILITY	IN STATE	ITE MIL	****** ES			• • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •
FE	ET I	GE 10	GE 6	GE 5	G E		GE 2 1/2	G E 2	Gr 1 1/2	6E 1 1/4	GE 1	6 E 7 / 4	5/8	5L 172	GF *716	9€ 1≠4	1.1 3
• • •	• • • • • •		• • • • • •	• • • • • • •	•••••	• • • • • •	•• • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	
N O	CEIL }	1 - 3	41.7	41.7	41.7	41.7	46.0	46.0	46.0	46.7	46.7	q 15 . 7	46.7	47.3	47.3	47.3	41.5
GE	100305	2 . 3	46.7	46.7	46.7	46 • 7	52.0	52.0	52.0	52.7	52.7	5.7.7	52.7	53.3	53.3	53.3	c 5. 5
GE	100001	2.3	46.7	46.7	46.7	46.7	52.0	52.0	52.0	52.7	52.7	57.7	52.7	53.3	53.3	53.3	1.1.3
Ģ €	160001	2.3	46.7	46.7	46.7	46.7	52.0	52.0	52.0	52.7	52.7	57.7	52.7	53.3	53.3	53.7	13.1
БĘ	140001	2.3	46.7	46.7	46 • 7	46.7	52.0	52.0	52.0	52.7	52.7	52.7	52.7	5 5 . 3	5 3 . 5	51.1	6.3.1
GĘ	120001	2.3	46.7	46.7	46 • 7	46.7	52.0	52.0	52.0	52.7	52.7	52.7	52.7	53.7	· 3.3	5.	k. 3 a. 3
GĘ	100001	2.7	59.0	59.0	59.0	59.0	66.7	66.7	66.7	67.3	67.3	67.3	67.3	68.7	58.0	58.0	6 F . J
6 E	90001	2.7	59.0	59.0	59.0	59.0	66.7	66.7	66.7	67.3	67.3	67.7	67.3	68.0	49.0	64.5	( e • );
GF	80001	2.7	59.0	59.0	59 • n	59.0	66.7	66.7	66.7	67.3	67.3	67. +	67.3	68•3	58.0	3.86	66.3
GΕ	70001	2.7	59.0	59.0	59 • 0	59.0	66.7	66.7	66.7	67.3	67.3	67.3	67.3	68.7	68.0	0.64	650
G€	ec 00 (	2.7	59.0	59.0	59.0	59.0	66.7	66.7	66.7	67.3	67.3	67.3	67.3	68.7	68.0	69.0	65.3
GΕ	Snaol	2.7	59.3	59.3	59.3	59.3	67.3	67.3	67.3	68.3	68 - 3	69.3	68.3	69.8	59.3	67.0	69.5
σŧ	45001	2.7	60.3	6 n • 3	60.3	60.3	68.3	68.3	68.3	69.3	69.3	69.1	69.3	70 • D	70.0	70.0	70.0
GE	40001	2.7	62.7	67.7	62.7	62.7	71.0	71.0	71.0	72.3	72.0	12.0	72.0	72.7	72.7	12.1	12.7
6 E	35001	2.7	62.7	62.7	62.7	62.7	71.0	71.0	71.0	72.3	72.C	12.0	72.0	12.7	72.7	72.7	77.7
G E	30001	2.7	63.3	63.3	63.3	63,3	71.7	71.7	71.7	72.7	72.7	72.7	77.7	73.3	73.3	73.3	73.3
GΕ	25001	2.7	72.7	72.7	72.7	72.7	81.7	81.7	81.7	83.0	93.D	a t . O	83.0	83.7	93.7	93.7	63.7
GΕ	20001	2.7	74.G	74.0	74.0	74.0	83.D	83.0	83.D	64.3	P4 . 3	84.3	94.3	85.0	85.0	45.0	45.Q
GE	16001	3.0	75.3	75.3	75 • 3	15.3	A4.3	84.3	84.3	85.7	R5.7	85.7	85.7	86.3	96.3	86.5	P 6 - 3
ΘE	1500	3.1	75.7	75.7	75.7	15.7	e5.3	85 • 3	95.3	87.0	97.0	87.0	97.0	87.7	P7.7	87.7	A 7 . 7
GE	12001	3.0	79.7	79.7	79.7	79.7	90.7	90.7	90.7	92.3	02.3	92.3	92.3	93.0	93.0	93.C	93.0
GΕ	10001	3 . D	90.7	80.7	80 • 7	80.7	92.3	92.3	92.3	94.7	94.7	94.7	94.7	95.3	95.3	95.3	45.3
GE	اون9	3.0	83.7	80.7	90 • 7	80.7	92.7	92.7	92.7	95.0	95.0	95.1	95.0	95.7	95.7	95.7	25.7
G €	8001	3 • C	9 J. 7	80.7	80.7	80.7	93.0	93.0	93.0	95.3	25.3	95.3	95.3	96.0	96.0	96.0	96.3
GE	7001	3.0	81.D	81.3	81.J	81.0	?3 <b>.</b> 3	93.3	93.3	95.7	95.7	95.7	95.7	96.3	96.3	96.3	96.!
6.5	6031	3.0	81.C	81.0	81.D	81.0	93.3	93.3	93.3	96.0	26.3	96.3	96.3	97.0	97.0	97.0	97.0
GE	5001	3 • C	91.0	81.0	81.0	81.0	93.7	93.7	93.7	97.3	97.3	97.3	97.3	98.0	99.0	99.0	56.0
C E	4001	3.0	81.3	81.3	81 - 3	81.3	94.0	94.0	94.0	97.7	98. [	90.0	98.0	98.7	98.7	9 R . 7	96.7
GF	1001	3.0	81.3	81.3	81.3	81.3	94.7	94.7	94.7	98.3	98.7	90.7	98.7	99.3	99.3	99.3	99.3
ε ε	1002	3.0	81.3	81.3	81.3	81.3	95.0	95.0	95.0	98.7	99 <b>.</b> C	60.0	99.0	99.7	99.7	49.7	99.7
() E	100	3 • O	81.3	81.3	91.3	81.3	95.0	95.0	95.0	98.7	99.0	84.0	99.0	99.7	20.7	99.7	100.0
Ģ€		3.0	•	61.3	81.3	81.3	95.D	95.0	95.₽	98.7	99.0	99.0	99.0	99.7	99.7		100.6
• • • •		•••••		• • • • • • •	••••	•••••	•••••	• • • • • •	• • • • • • •	• • • • • • •	• • • • •	• • • • • • •	• • • • • • •	• • • • • • •		• • • • • •	• • • • • • • • • • • • • • • • • • • •

### PERCENTAGE FREQUENCY OF OCCURRENCE OF CELLING VEHICLS VITIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR PERIOD OF RECORD: 78-87 MONTH: MAY HOURSILATE: USG-1100 CEILING VISIBILITY IN STATUTE MILES. VISIBILITY IN STATUTE MILES

GE GE GE GE GE GE GE

5 2 1/2 2 1 1/2 1 1/4 1 '/4 IN I GE GE 5 t 5 / 6 6t of 172 1716 1/4 NO CEIL 1 4.3 42.1 GE 200001 46. . 49.3 49.3 49.3 49.3 49.3 40.1 41. : 49.7 45.1 49.1 46.1 46.1 4 . . . GE IBOODL 4.3 46.1 46.1 46.1 46.1 46.1 49.3 49.3 49.3 49.3 49.3 40.1 47.1 49.3 47.3 43.7 47. 49.3 4.3 46.1 46.1 6E 160001 49.3 49.3 49.3 47.5 40.8 ..... GE 140001 4.3 46.1 46.1 46.1 46.1 49.3 49.3 GE 120001 4.3 46.i 46.1 46 . 1 46.1 49.3 49.3 49.3 49. 1 49.5 46.1 40.3 43.3 44.3 49.7 59.2 59.2 GE 100001 4.6 59.2 69.2 ... 64.5 59•2 59•2 64.5 64.5 44.5 64.1 64.1 64.1 64.5 59.2 4.6 59.2 64.1 64.1 64.5 64.5 64. 64.1 64.5 14.5 44.4 64.5 64.1 G E G F 59.2 59.2 64.1 64.5 14.5 64.c 64.5 64.5 64.5 64.5 80021 4.6 59.2 59.2 64.1 64.1 64.5 s. 4 . 5 64.5 4.6 59.2 70001 59.2 59.2 64.1 64.1 64.5 54.5 1.4 . 5 59.2 6 E 6000i 59.2 59.2 59.2 64.1 64.5 19 4 a 19 64.4 59.9 59.9 60.2 65.1 GE 50001 4.6 59.9 59.9 + 5 - 1 64.8 64 • A 65 • 1 65.1 45.1 64.1 55.1 45.1 64.1 65.5 4.6 60.2 63.2 5 t . c. 6 7 . q 6 c . q 11. 60.2 65.1 65.1 67.4 65.5 65.5 67.6 64.5 n . . . G € 45.5 40001 4.6 62.5 62.5 62.5 62.5 67.4 67.4 67+# 69.4 11.8 67.4 35 JO I 63.2 69.1 68.4 6 E 63.2 63.2 63.2 68.1 68.1 68.4 64.4 69.7 69.7 64.5 64.5 25 pp 1 2000 j 73.0 73.0 73.0 73.0 78.3 78.3 78 • 6 78.6 78 - 6 4.9 90.3 91.6 80.3 81.6 aC.3 901.4 G F 74.3 74.3 74.3 74.3 79.9 79.9 79.9 AJ.3 90.5 87.1 18001 75.3 75.3 75.3 75.3 81.3 81.3 81.3 a 1 • 5 4.9 81.6 84.5 P1.9 81.6 81.6 GE 15001 77.6 77.6 84.2 A4.5 84 S 12601 81.9 81.9 81.9 81.7 90.1 90.1 90.1 90.8 90.8 9 . . 9 90.8 97.5 90.4 91.1 82.9 92.4 92.4 93.1 93.1 23.4 93.1 97.1 93.1 23.1 9001 4.9 83.6 83.6 83.6 93.4 93.4 94.1 94.1 94.1 94.1 94.1 4.9 83.6 94.7 94.7 94.7 GE 83.6 83.6 83.6 94.1 94.1 94.1 94.7 94.1 94.7 95.1 6 E 7001 95.7 95.7 96.7 96.7 96.7 96.7 26.1 95.7 96.7 97.7 77.1 6001 84.5 84.5 84.5 96.1 97.7 91.1 91.7 6 F 84.5 84.5 84.5 97.0 97.0 99.7 5001 4.9 84.5 97.0 98.7 98.7 98.7 99.7 98.7 98.7 39.11 99.0 GE 4031 4.9 84.5 84.5 84.5 84.5 84.5 97.4 97.4 97.4 99.0 99.0 99.0 33.0 99.0 99.3 99.0 84.5 99.0 GE 3001 84.5 84.5 97.4 97.4 97.4 99.0 99.C 30.7 99.0 99.0 99.0 99.3 84.5 GF 2001 84.5 84.5 84.5 97.4 97.4 97.4 99.0 29.0 99.0 99.0 99.0 79.0 33.D 29.3 99.0 99.0 99.0 99.3 99.1 GΕ 01 4.9 84.5 84.5 84.5 97.4 97.4 97.4 99.3 91.0 99.0 99.0 99.0 20.1 99.7 100.0

# GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VICIFILITY USAFETAC FROM HOLRLY OBSERVATIONS AIR WEATHER SERVICE/MAC

STATION NAME: LENINGRAD USSR

- •		3		·													
STA	ITION N	JMBER:	260630	STATI	ON NAME	: LENI	LNG RAD U	SSR					OF REC				
												HUVIE	: ~A Y	HOURS	(L<1):	1200-14	CO
		• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	••••••		81L IT Y				• • • • • • •		• • • • • • •	• • • • • • •	
	LING I	GE	GE	Gŗ	GE	G.F	GΕ	6 E	65	GE	65	r) LE	G.F	6 <b>E</b>	GE.	6.6	Ct.
	έτ Ι	10	€.	٠,	U. 4		2 1/2		1 1/2		1	1/4	5/8	1/2	5/16	1/4	5
	-	-								-							
					••••	•											
N O	CEIL 1	5.7	44.C	44.0	44.0	44.0	45.0	45.0	45.0	45.0	45.0	44.7	45.0	45.0	45.0	45.0	45.0
GE	100005	6.4	49.5	49.3	49.3	49.3	50+3	50.3	50.3	50.3	50.3	57.3	50.3	50.3	50.3	50.3	50.3
GE	180001	6.4	49.3	49.3	49.3	49.3	· O · 3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	59.3	50.3
Gξ	160031	6.4	49.3	49.3	49.3	49.3	50.3	50.3	50.3	50.3	50.3	5 7 . 3	50.3	50.3	50.3	57.3	50.3
GE	140001	6.4	49.3	49.3	49.3	49.3	50.3	5p.3	50.3	50.3	50.3	50.1	50.3	50.3	50.3	50.3	50.5
G F	120001	6.4	49.3	49.3	49.3	49.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE	10anni	6.7	60.7	60.7	60.7	60.1	62.4	62.4	62.4	62.4	62.4	67.4	62.4	62.4	62.4	62.4	F i . 4
GE	90001	5.7	60.7	60.7	60.7	60.7	62.4	62.4	62.4	62.4	62.4	67.4	62.4	62.4	62.4	67.4	62.4
GΕ	86.001	6.7	69.7	60.7	60.7	60.7	62.4	62.4	62.4	62.4	62.4	6.7.4	62.4	62.4	62.4	62.4	62.4
33	10001	6.7	60.7	60.7	60.7	60.7	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	F-2.4
GE	9000 l	6.7	60.7	69.7	60 • 7	60.7	62+8	62.8	62.8	62.8	62.8	6.7 • R	62.8	62.A	62 • B	62.F	62.6
υE	50001	6.7	6 n. 7	60.7	60 • 7	60.1	62.8	62.8	62.8	62.8	42.8	67.8	62.8	62.8	62.8	62.0	62.2
GE	45001	6.7	61.1	61.1	61.1	61.1	63.1	63.1	63.1	63.1	63.1	6'.1	63.1	63.1	63.1	63.1	63.1
G E	40001	7.4	65.4	65.4	65.4	65.4	67.8	67.8	67.8	67.8	67.8	67.8	67.9	67.9	67.8	67.P	67.A
GΕ	3500	7.7	66.4	66.4	66 • 4	66.4	68.8	68.8	68.8	69.5	68.8	6 P . R	68.8	68.8	68.8	68.8	66.8
€ €	3000 L	7.7	69.8	69.8	69 • 8	69.8	72 • 1	72.1	72.1	72.1	72.1	77.1	72.1	72.1	72.1	72.1	72.1
GΕ	25001	7.7	77.4	77.9	77.9	77.9	# O • 5	80.5	80.5	80.5	90.5	80.5	8 j.5	80.5	90.5	80.5	80.5
3.0	20001	7.7	80.5	8 C • 5	80.5	80.5	83.2	83.2	93.2	83.2	R3.2	83.2	83.2	83.2	93.2	83.2	83.2
G F	19001	A. u	92.6	82.6	A2.6	82.5	85.9	85.9	A5.9	86.2	86.2	86.3	P6.2	86.2	96.2	86.2	86.2
GE	15001	8.4	34.2	84.2	84.2	A4.2	A7.6	87.6	87.6	87.9	97.9	87.9	87.9	87.9	87.9	87.9	87.9
6 €	10001	Я.ч	89.3	89.3	A9 • 3	89.3	96 • G	96 ∙ 0	96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
6.5	10001	я. 4	3 G . 3	90.3	90 - 3	90.3	97.3	97.3	97.3	98.0	98.0	90.7	44.3	98.0	98.0	99.0	98.0
ιE	2001	9.4	90.3	1.76	90.3	90.3	97.7	97.7	97.7	98.3	98.3	90.1	7A.3	98.3	90.5	9R.3	98.3
G E	8001	я. 4	20.3	90.3	90 . 3	90.3	97.7	97.7	91.1	98.3	98.3	98.3	98.3	98.3	98.5	98.3	98.3
G F	7001	Я, 4	90•€	90.6	90.6	90.6	98.7	98.7	98.7	99.3	99.3	90.1	99.1	99.3	99.3	99.3	99.1
G E	£001	9.4	93.6	91).6	90.6	90.6	98.7	3 A . 7	98.7	99.3	99.3	94.1	99.3	99.1	79.3	99.3	99.3
6 F	1001	8.4	70.5	91.6	90.6	971+6	99.0	99.0	99.0	99.7	100.0	100.0	100.0	100.0	190.5	100.0	100.0
GF	4071	A . 4	90.6	90.6	90.6	90.6	99.C	99.0	99.0	99.7	100.0	107.3	100.0	109.0	100.0	100.0	100.0
€ F	3001	Я. 4	30.6	90.6	90.6	90.6	99.0	99.0	99.0	99.7	100.0	100.0	100.6	100.0	100.0	100.0	100.0
G E	2001	P . 4	30.6	8 Ü * P	9C . 6	90.6	99. O	99.0	99.0	49.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
G E	1001	R.4	90.6	97.6	90 • 6	90.6	99.0	99.0	99.0	99.7	100.5	100.0	100.0	100.0	100.0	100.0	100.0
r, F	c i	8.4	90.6	90.6	90.6	90.6	99. O	90.0	99.0	99.7	170.0	100.0	100.0	100.0	100.0	100.0	100.0

## PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VEHICLS VICIHILITY FROM HOURLY OBSERVATIONS

STATION NUMBER:	260630	STATE	ON NAME:	LENI	NG RAD U	SSR				CERICO.	CF REC	UPD: 78	-87		
										MONTH	: MAY	FOURS	(LST):	1500-17	00
						<i>.</i>									
CFILING						v 15 I	BILITY	IN STATE	ITE MILI	E 5					
IN   GE	Gξ	GE	GE	GE	GE	G E	GE	G E.	GE	C.E.	GF	6.6	GF	¢!	Pt
FEET   10	6	5	4		2 1/2		1 1/2		1	7/4	5/3	1/2	5/16	1/4	3
• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • • •		• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •
NO CEIL   7.1	37.7	37.7	37.7	37.1	-0.0		7.0		20.0	39.0	18.0	39.4	36.4	38.4	* c • 4
NO CEIL 1 1.1	3	3 / • /	3/ • 1	3	38 • D	38.0	38 • D	38 • D	38 • D	34 • ()	14 • 13	34.4	38.4	37.4	`c•4
GE 200001 8.4	45.5	45.5	45.5	45.5	45.8	45.8	45.8	45.9	45 • A	45.3	45.8	46.1	45.1	46.1	46.1
GE 180001 8.4	45.8	45.8	45.8	45.8	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.5	46.5	45.5	46.5
GE 167001 8.4	45.8	45.8	45.8	45.8	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.5	46.5	46.5	40.5
GE 140001 8.4	45.8	45.8	45.8	45.8	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.5	46.5	46.5	46.5
GE 120001 8.4	45.8	45.8	45.8	45.8	46.1	46.1	46.1	46.1	46 . 1	46.1	46.1	46.5	46.5	45.5	46.5
						•									
GE 100001 9.4	56.6	56.6	56.6	56.6	58.2	58.2	58.2	58.2	58 • 2	50.3	68.2	58 • 6	58.6	59.6	5 8 . to
GE 90001 9.4	56.6	56.6	56 • 6	56.6	58.2	58.2	58 • 2	58.2	58 • 2	50.2	59.2	58.5	58.6	58.6	58 • 5
GE 87001 9.4	56.6	56.6	56 • 6	56 • 6	58 • 2	58 • 2	58.2	58.2	58 . 2	59.2	5A • 2	59.6	56.6	5 F . 6	56.6
GE 71001 9.4	56.6	56.6	56 . 6	56.6	58.2	58 . 2	58 • 2	58 • 2	58 • 2	54.2	59.2	58.6	56.6	54.6	5.6 • 6
GE 60001 9.4	56.6	56.6	56 4 6	56.6	58 • 2	58.2	58.2	58.2	c8 • 5	50.2	5 R . 2	58 • 6	58.5	58.6	4.8.0
GE 50001 9.4	57.9	57.9	57.9	57.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.3	£.D.3	60.3	60.3
GE 45001 9.8	58.6	58.6	58 • 6	58 • 6	60.6	60.6	60.6	6g • 6	60.6	60.6	60.6	50.9	60.9	60.9	F C • G
GE 40001 10.8	63.6	63.6	63.6	63.6	66.0	66.0	66.D	66+0	66.0	66 • D	66 • 0	65.3	66.3	66.3	66.3
GE 3500  17.8	64.3	64.3	64.3	64.3	66.7	66.7	66.7	66 • 7	66 • 7	66.7	66.7	67.0	67.0	67.p	57.3
6F 3000  11.1	66.7	66.7	66.7	66.7	69.0	69.0	69.D	69.0	69.0	60 C	67.0	69.4	49.4	69.4	69.4
7,000, 1111								0,45	•••	• • •	6.40	0,.		u . • •	. , • .
GE 25001 11.1	81.1	81.1	81.1	81.1	84+2	84.2	84.2	84.2	84.2	84.7	44.2	94.5	84.5	84.5	P4.5
GE 2001 11.4	91.2	83.2	83.2	83.2	86.2	86.2	86.2	85.2	P6 . 2	86.2	86.2	86.5	R6.5	86.5	86.5
6E 18001 11.4	83.8	83.8	83.8	83.8	A7.5	87.5	87.5	87.5	87.5	87.5	87.5	87.9	87.9	87.9	P7.9
6g 1500  11.4	84.8	84.8	84.8	84.8	88.9	88.9	88.9	88.9	88.9	80.7	A8.9	89.2	99.2	89.2	89.2
6E 12001 11.4	90.9	90.9	90.9	90.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.6	97.6	97.6	97.6
GE 1000  11.4	21.2		0	- 1 3						90.7	99.0	98.3	98.3	99.3	
GE 9001 11.4		91.2	91.2	91.2	98.0	98.0	98.0	98.9	98.0						98.3
	91.6	91.6	91.6	91.6	98.7	98.7	98 • 7	98.7	98 • 7	99.7	98.7	99.0	99.0	99.7 99.3	99.d 99.3
	91.6	91.6	91.6	91.6	98.7 98.7	98.7 98.7	99.7	99.0	99.0	99.0	99.0			99.3	99.3
6E 700  11.4 6E 600  11.4	91.6 91.6	91.6 91.6	91.6 91.6	91.6	99.0	99.1	98. <i>1</i> 99.0	99.0 99.3	99.0	99.0	99.0	79.3	99.3	97.7	99.1
0. 0001 11.4	, , , ,	41.0	41.0	71.0	77.U	77.9	77.0	74.3	44.7	***,	44.3	77.7	****	7 * • /	99.1
GE 5001 11.4	91.6	91.6	91.6	91.6	99.3	99.3	99.3	99.7	99.7	99.7	99.7	100.0	120.3	100.0	100.0
GE 400  11.4	91.6	91.6	91.6	91.6	99.3	99.3	99.3	99.7	79.7	99.7	99.7	100.0	100.0	101.0	100.0
GE 3001 11.4	91.6	91.6	91.6	91.6	99.3	99.3	99.3	99.7	99.7	97.7	99.7	100.0	100.0	100.0	100.0
6F 2001 11.4	41.6	91.6	91.6	91.6	99.3	99.3	99.3	99.7	99.7	90.7	99.7	100.0	190.0	100.0	100.0
GE 100   11.4	91.6	91.6	91.6	91.6	99.3	99.3	99.3	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 21 11.4	91.6	01.4	01 6	01 /	00 *	00.						•		100.0	100 0
		91.6	91.6	91.6	99.3	99.3	99.3	99.7	39.7			00	170.0		
		•••••	• • • • • • • •			• • • • • • •	• • • • • • •	• • • • • • •		• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •

# PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOUDLY ROBILING.

STATION NUMBER - 2404 TO STATION NAME - PENTMENANT HISSO

S TAT 10	) N N	UMB€₽:	260630	STATI	ON NAME:	LE NI	NG RAD U	ISSR				PERLOR HINCH	UF 1.F(		-87 (LSI):	18 0-30	10
																	*****
CEILIN	16								8 It. IT Y		OIE MIC						
IN	1	GE	Gf	GE	GF	GE	GE.	Ŀέ	6F	G E	6€	. ⊊t	7a t	5 E	١, ١	5.5	, (
FEET	- 1	10	6	5	4		2 1/2		1 1/2		1	*/4	5/6	172	1/15	1/4	* <u>-</u>
• • • • • •	• • • •	• • • • •	• • • • • • •	••••	• • • • • • •	• • • • • •		• • • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •		•••••
NO CEI	n I	6.8	43.9	43.9	43.9	43.9	44.3	44.3	44.5	44.3	44.3	44.5	94.3	94.3	44.3	чи. ₹	44.7
6F 200	1001	8.1	47.6	47.6	47.6	47.6	48.0	48.0	48.0	48.0	48.3	40.7	44.3	48.0	49.0	48.0	48.0
0 E 180		8.1	47.6	47.6	47.6	47.6	48.0	48.0	48.0	49.3	48.0	40.7	48.0	48.C	40.0	40.0	4
GE 160		8.1	47.6	47.6	47.0	47.6	48.D	48.0	48.0	48.0	48.0	48.7	48.0	49.0	08.0	48.0	44.5
GE 140		8.1	47.6	47.6	47.6	47.6	48 a D	48.0	48.0	44.0	4 A . C	40.0	48.0	48.0	46.0	40.0	46.0
GE 130		8.1	47.6	47.6	47.6	47.6	48.0	48.0	48.0	48.0	48.0	40	44.0	48.0	48.3	48.3	44.0
								•	_						•		
GE 100	100	я,4	62.5	62.5	62.5	62.5	63.5	69.5	43.5	63.5	63.5	67.5	63.5	63.5	63.5	6 5 . 5	63.5
GE 90	icor	9.4	62.5	62.5	62.5	62.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	13.5
6E 80	001	B . 4	62.5	62.5	62.5	62.5	63.5	63.5	63.5	63.5	63.5	61.5	63.5	63.5	63.5	63.5	63.5
	noi	8.4	62.5	62.5	62.5	62.5	63.5	63.5	63.5	63.5	43.5	6 2 . 5	63.5	63.5	63.5	63.5	€3.5
	1001	8 . 4	62.8	62.9	62.8	62.8	63.9	6 7 . 9	63.9	63.7	65.9	L + . 0	63.9	63.9	63.9	63.9	€3.4
												•					
GE 50	1001	9.1	64.9	64.9	64.9	64.9	65.9	65.9	65.9	65.7	65.9	65.0	65.7	65.9	45.3	65.9	€5.7
GE 45	100	9.1	66.6	66.6	66.6	66.6	67.6	67.6	67.6	67.6	61.6	67.t	67.6	67.6	67.6	67.6	67.6
GE 40	1000	9.5	70.9	70.9	70.9	70.9	72. 3	72.3	12.3	72.3	72.3	77.3	12.3	72.3	72.3	77.3	72.3
GE 35	100	9.5	70.9	70.9	70.9	70.9	72.3	12.3	72.3	77.3	72.3	77.3	72 - 3	72.3	72.3	72.3	3
GE 30	100	9.8	73.C	73.0	73.0	73.0	74.3	74.3	74.3	74.3	74.3	74.	74.3	74.3	74.3	74.3	74.3
GF 25	100	10.5	86.5	86.5	86 • 5	86.5	#8·2	89.2	89.2	88.2	98.2	89.2	98.2	8B.2	# <b>9</b> . 2	88.2	H H . 2
G	1001	10.5	87.5	87.5	87.5	87.5	P9.2	89.2	89.2	89.2	89.2	67.2	89.2	89.2	89.2	89.7	RY.
GE 18	lco:	10.5	87.5	87.5	87.5	87.5	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	99.2	89.2	84.Z
6E 15	100	10.5	98.9	88.9	A8 . 9	88.9	°C.5	90.5	90.5	90.5	90,5	90.5	90.5	90.5	73.5	90.5	90.5
6E 12	1001	10.5	93.9	93.9	93.9	93.9	91.3	97.3	97.3	97.3	91.3	97.3	97.3	97.3	07.3	97.3	97.3
GE 17	1001	10.5	94.9	94.9	94.9	94.9	99.0	99.0	99.0	99.1)	39.6	99.3	99.9	33.5	29.3	90.0	49.5
		10.5	94.9	94.9	94.9	94.9	99.0	99.0	99.0	49.0	99.0	90.0	99.0	99.1	99.0	99.0	99.0
-		10.5	94.9	94.9	94.9	94.9	39.0	99.3	99.0	99.C	99.0	99.0	99.5	99.0	79.0	79.0	99.0
	- :	10.5	94.9	94.9	94.9	94.9	99.3	99.3	99.3	99.3	99.3	92.3	99.3	49.1	99.3	79.3	34.3
		19.5	95.3	95.3	95.3	95.3	99.7	99.7	99.7	99.7	99.7	90.7	99.7	99.7	99.7	29.7	99.7
0. 5		- 3.		, , <b>, ,</b>	*,*,	,,,,,	,,,	,,,,,	, , ,			,	.,.			, . , .	. , , ,
		13.5	95.3	95.3	95.3	95.3	99.7	99.7	99.7	99.7	99.7	40.7	99.7	99.7	99.7	99.7	94.7
		10.5	95.3	95.3	95 • 3	95.3	1 00. 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	190.0
		10.5	95.3	95.3	95.3	95.3	1 00.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	10.0	107.0	160.0
		10.5	95.3	95.3	95 • 3	45.3	1.00.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6E 1	100	10.5	35.3	95.3	95 • 3	95.3	1 00.0	100.0	100.0	100.0	100.0	100.3	100.0	100.0	100.0	100.0	100.3
G.E.	าไ	19.5	95.3	95.3	95.3	95.1	100.0	100.0	100.0	100.0	100.0	100.0	inn.n	120.0	100.0	123.0	100-0
									-		-						**********
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### PERCENTAGE FREQUENCY OF OCCUPRENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87 MONTH: MAY HOURS (LST): 21c7=23cb CEILING VISIBILITY IN STATUTE MILES CEILING IN | GE FEET | I 10 5/8 5/16 1/4 0 17. 49.3 48.7 NO CEIL 1 4.6 49.3 49.3 GF 200001 4.6 51.0 51.0 51.0 51.0 52.6 52.6 52.6 52.6 52.6 52.5 52.6 52.6 52.6 52.6 62.6 0E 180001 52.6 4.6 51.0 51.0 51.0 51.3 52.6 52.6 52.6 52.6 52.6 52.6 52.6 52.6 52.6 62.6 51.0 51.0 51.0 51.0 52.6 52.6 52.6 52.6 52.6 52.6 GE 160001 51.0 51.0 52.6 52.6 52.6 52.6 52.6 52.5 GF 140001 51.0 51.0 52.6 52.6 52.6 52.6 52.6 52.0 51.0 GE :00001 5.6 65.1 66.1 66 • 1 66.1 69.7 69.7 69.7 70.1 70.1 70.1 79.1 70.1 70.1 5 • 6 5 • 6 5 • 6 70.1 79.1 79.1 70.1 70 • 1 70 • 1 70 • 1 GE 90001 66.1 66.1 66.1 66.1 69.7 69.7 69.7 70.1 70 . 1 70.1 70.1 70.1 70.1 80001 70.1 66.1 69.7 69.7 69.7 70.1 70.1 66.1 66.1 70.1 70.1 Znnal G.F 66.1 66.1 66.1 69.7 70.1 70.1 7-1 66.1 70.1 70.4 66.1 66.1 70.4 70.4 70.4 70.4 70 . 4 6 E 70.4 72.0 50001 68.1 69.1 72.0 72.0 72.4 72.4 72.4 72.4 72.4 12.4 68.1 69.4 69.7 5.6 69.4 72.<sub>0</sub> 72.4 72.4 72.4 73.7 72.4 72.4 6 F 45001 68.1 68 • 1 72.0 72.0 72.4 72.4 72.4 40001 69.4 73.7 73.7 73.7 Gξ 69.4 73.4 13.4 73.7 35 00 l 69.7 69.7 69.7 74.0 72.0 72.0 77.0 76.D 76.0 76.3 76.3 74. . 3 75 . 3 76.3 76.3 76.3 5.5 5.9 5.9 84.2 86.2 84.2 84.2 88.8 99.1 89.1 89.1 89.1 99.1 89.1 99.1 6 € 25 001 84.2 88.8 88.8 89.1 86.2 21.001 86 • 2 86 • 5 91.1 91.1 91.4 91.4 91.4 91.4 91.4 91.4 91.4 86.2 91.1 18001 86.5 86.5 91.4 91.8 91.4 91.8 91.8 91.8 91.6 G.F 86.5 91.9 91.8 91.8 91.8 91.8 92.1 12001 31.8 91.8 91.8 91.5 97.7 97.7 97.7 98.0 98.0 98.0 98.0 98.0 10001 92.4 98.7 99.0 99.0 99.7 99.0 99.0 99.0 99.D 99... GE 92.4 92.4 02.4 98.7 98.7 GF 5.9 92.4 92.4 92.8 98.7 99.0 99.0 99.0 99.0 99.0 99.0 99.0 9001 98.7 99.0 92.4 92.4 98.7 1 COR 5.9 92.8 92.8 92.8 99.0 99.0 99.0 99.3 99.3 99.3 99.3 99.3 99.3 99.3 5.9 92.8 99.0 99.0 99.0 99.3 99. 99.7 99.7 GF 7001 22.B 92.8 92.8 99.3 99.1 20.1 99.7 99.0 6001 100.0 5001 92.8 99.0 99.7 99.7 99.7 99.7 170.0 100.0 6 E 6 F 4001 5.9 5.9 92.8 92.8 92.8 92.8 92.8 92.8 99.0 99.0 97.0 99.0 99.7 99.7 99.7 99.7 99.7 100.0 100.0 100.0 1001 92.8 99.0 99.7 99.7 99.7 100.0 100.0 100.0 2001 92 . 8 92.8 99.0 99.0 99.0 99.7 99.7 99.7 99.7 92.8 99.7 1001 99.0 99.0 99.0 92.8 92.8 99.7 170.0 100.0 100.0 01 5.9 92.8 92.8 92.R 99.0 99.0 99.0 99.7 99.7 99.7 99.7 99.7 120.0 162.0 100.0

# PERCENTAGE FREQUENCY OF OCCURRENCE OF CF111NG VERSUS VISIBILITY FROM HOURLY OBSEPVATIONS

AIR	WEATHE	R SER	AICENM	C													
STAT	ION NU	MBER:	260630	STATI	ON NAME	: 1 E N I	NG RAD L	SSR				PERIOD	OF REC	OPD: 78	-87		
3			2.0000	•								HONTH			(LSTI:	ALL	
			• • • • • • •												• • • • • •		• • • • • • • • • •
CEIL	ING									IN STATE	UTE MIL						
IN			GE	G€	GE	GE	GE	GE	GE	GE	GF	U.E	Gί	GE	UE	CE	64
FEE	•	10	6	5	4		2 1/2		1 1/2		1	1/4	5/8	1/2	5/16	1/4	C
• • • •		• • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	*******	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • • • • • •
		, ,		. 7 0		- 0			45.9	46.1	46.2	46.2	46.2	46.4	46.4	46.4	46.4
NU C	EIL	3.9	43.7	43.8	43.8	43.8	45.9	45.9	45.9	46.1	46.2	46.2	40.2	40.4	40.4	46.4	40.4
65.2	00001	4.5	47.7	47.8	47.8	47.8	50.4	50.4	50.4	50.6	50.7	50.7	50.7	50.9	c0.9	50.9	rc.9
	10008	4.5	47.8	47.8	47.8	47.8	50.5	50.5	50.5	50.7	50.7	50.7	50 • B	50.9	50.9	50.9	F 3. 9
	6000 i	4.5	47.8	47.8	47.8	47.8	50.5	50.5	50.5	50.7	50.7	50.7	50.8	50.9	°0.9	50.9	50.5
	4000l	4.5	47.8	47.8	47.8	47.8	50.5	50.5	50.5	50.7	50.7	57.7	50.8	50.7	56.9	50.9	50.9
	20001	4.5	47.8	47.8	47.8	47.8	50.5	50.5	50.5	50.7	50.7	50.7	50.8	50.9	C.9	50.9	F 3 • 9
02.					.,			30.43	,,,,,		• • •			,			
6 E 1	10000	4.9	60.4	60.5	60.5	60.5	64.8	64.8	64.8	65.1	65.2	65 + 2	65 + 2	65.4	55.4	65.4	65.4
G F	90001	4.9	60.4	60.5	60.5	60.5	64.8	64.8	64.8	65.1	65.2	65.2	65.2	65.4	65.4	55.4	65.4
	10008	4.9	6n.4	60.5	60.5	60.5	64.8	64.8	64.8	65.1	65.2	65.2	65.2	65.4	65.4	65.4	65.4
	75 00	4.9	60.4	60.5	60.5	60.5	64.8	64.8	64.8	65.1	65.2	65.2	65.2	65.4	65.4	65.4	65.4
GE	60001	4.9	63.5	60.6	60.6	60.6	64.9	64.9	64.9	65.3	65 • 3	65.1	65.4	65.6	65.6	65.6	65.0
	•		•					•									
GE	50001	5.0	61.8	61.8	61.8	61.8	66.4	66.4	66.4	66.9	66.9	66.9	67.0	67 • 1	67.1	67.1	67.1
GΕ	45 pg (	5 • C	62.3	62.4	62.4	62.4	66.9	66.9	66.9	67.4	67.5	67.5	67.5	67.7	67.7	67.7	67.7
G E	40001	5.3	65.4	65.5	65.5	65.5	70.2	70.2	70.2	70.7	7 D • 8	70.8	70.8	71.0	71.0	71.0	71.3
G E	35001	5.3	65.8	65.8	65 • 8	65 • 8	7C.6	70.6	70.6	71.1	71 • 2	71.2	71.2	71.4	71.4	71.4	71.4
G E	30001	5.4	67.4	67.5	67.5	67.5	72.3	72.3	72.3	72.8	72.9	72.9	72.9	73.1	73.1	73.1	73.1
	25001	5.5	78.6	78.6	78 • 6	78.6	83.9	83.9	83.9	84.4	84.5	84.5	84.5	84.7	84.7	84.7	A 4 • 7
	2000	5.6	80.1	80.2	80 • 2	80 • 2	85.5	85.5	85.5	86.2	86.2	86.2	R6.2	86.4	P6.4	86.4	86.4
	16001	5.8	80.9	81.0	81.0	81.0	86.7	86 • 7	86.7	87.3	P7.4	87.4	97.4	87.6	R7.6	87.6	87.6
-	15001	5.0	91.5	81.9	81.9	81.9	87.9	87.9	97.9	88.7	98 • 7	80.7	88.7	88.9	98.9	89.9	A8.9
6 F	12001	5 • 8	86.5	86.6	86 • 6	86.6	94.3	94.3	94.3	95 • <i>2</i>	95.2	95.2	95.3	95.5	95.5	95.5	95.5
6 E	10001	5.8	87.2	g 7 • 3	87.3	87.3	95.6	95.6	95.6	96.5	96.6	96.6	96.6	76.8	96.8	96.R	96.8
GE	9001	5.8	97.4	87.4	87.4	87.4	96.0	96.0	96 • C	96.9	97.0	97.0	97.0	97.2	97.2	97.2	97.2
G E	Pesi	5.8	97.6	87.6	87.6	87.6	96.4	96.4	96.4	97.4	97.5	97.5	97.5	97.7	97.7	97.7	97.7
GE	7001	5.8	97.8	87.8	87.8	87.8	76.9	96.9	96.9	98.0	98.1	90.1	98.2	98 . 3	98.4	98.4	98.4
6 F	6601	5.9	87.8	87.9	87.9	87.9	97. C	97.0	97.0	98.3	98.5	90.5	98.5	98.7	98.7	99.7	98.7
0.	0001	7.0		0,1,		0,4,	7,20	,,,,	.,,,	, <b>.</b> ,							
G F	5001	5.8	87.8	87.9	87.9	87.9	97.4	97.4	97.4	98.7	99.0	99.0	99.0	99.2	99.2	99.2	99.2
5.€	4301	5.8	87.9	88.0	88.0	88.0	97.6	97.6	97.6	99.1	99.4	99.4	99.5	99.6	99.7	99.7	99.7
6 F	1001	5.P	A7.9	88.0	98.0	88.0	97.7	97.7	97.7	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.8
ĞE	2001	5 . P	A 7.9	8 R . C	88.0	88.C	97.7	97.7	97.7	99.7	99.5	90.5	99.6	99.7	99.8	99.8	99.8
G F	1001	5.8	87.9	8.0	88 · C	88.0	97.7	97.7	97.7	99.2	99.5	99.5	99.6	99.7	99.9	99.9	100.0
GF	01	5.8	87.9	88.3	88.0	C.88	97.7	97.7	97.7	99.2	99.5	90.5	99.6	99.7	99.9	99.9	100.0

#### PERCENTAGE FREQUENCY OF OCCUPRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERLOD OF MECORD: 74-87 MONTH: JUN HOURSTESTI: 0000-0200 CEILING IN | GE FEET | 10 VISIBILITY IN STATUTE MILES GE GE GE 4 3 2 1/2 PE (E GE GF GE BE 2 1 1/2 1 1/4 1 61 1/7 5/16 174 50.2 50.2 50.2 in. NO CEIL | 1.4 45.4 45.4 45.4 45.4 50.2 50.2 50.2 50.2 50.2 chit, r3., 5.5.6 53.4 53.6 GE 200001 48.1 48.1 48.1 48.1 53.2 53.2 53.2 53.6 53.6 57.4 57.0 13. v 13. v 13. v 48.1 48.1 48.1 r. 2 . 6 53.2 53.2 53.2 53.2 53.2 53.2 53.6 51,6 53.6 53.9 51.9 GE 18noci 1.7 48.1 48.1 48.1 53.2 53.6 48.1 48.1 GE 160001 48.1 53.6 53.6 53.6 5₹.6 c 3.9 53.6 43.9 53.6 53.6 1.7 48.1 48.1 53.2 53.6 53.9 48 • 1 53.2 63.7 49.1 48.1 53.2 1, 3 . . 6E 120001 49.1 GE 100001 58.7 58.7 65.6 58.7 65.2 5A.7 66.2 66.2 66.2 GΕ 9000 l 58.7 58.7 65.2 65.2 65.2 66 • 2 66 • 2 66.9 66.9 1.7 58.7 58.7 66.6 66.6 66.6 f6.9 55.9 58.7 66.9 1.7 58 • 7 66.9 66.6 66.6 66.6 G F 7000 l 58.7 59.7 58 . 7 58.7 65.2 65.2 65.2 66.2 66.6 66.9 16.9 58.7 65.2 65.2 66.2 66.2 66.0 55.5 16.3 GΕ 60001 1.7 58.7 58 . 7 58 - 7 65.2 66.6 59.7 67.9 F 4 . 3 1.7 59.1 59.7 59.7 61.6 67.6 6 . . . 67.9 68.3 υE 5roal 66.6 66 . 6 45001 59.7 59.7 59.7 59.7 67.2 68.3 68.3 71.0 60.6 71.3 68.9 68.9 68.7 68.6 68.6 G E G E 70.0 4000| 3500| 1.7 62.5 62.8 62.5 62.5 70. D 70.0 71·3 71.3 71.7 71.7 72.0 71.7 71.7 62.A 70.3 62.8 70.3 3000 F 63.5 63.5 71.3 71.3 72.4 12.4 72.7 72.7 73.0 73.0 73.4 73.4 73.4 A4.6 6 E 6 E 25601 1.7 73.4 82.9 82.9 82.9 84.0 24 . F H4 . 3 94.3 A4.3 A4.6 84.6 86.0 86.0 85.7 96.0 86.3 P6.3 P6.3 20001 1.7 75.1 75.1 75.1 85.7 86.1 75.1 P4.6 84.6 94.6 86.0 86.0 86.7 96.3 97.0 18001 15001 1.7 75.1 75.1 P4.6 84 .6 A4.6 85.7 A5.7 86.3 97.0 яь. 3 87. :: P6.7 8 . 7 (1 E 1.7 75.8 75.8 75 • 8 82 • 5 75.8 A 5. 3 85.3 85.3 86.3 86.3 94.2 12001 94.2 94.2 () E 10001 F2.€ 94.9 97.3 97.3 97.3 900 l 1.7 8.1.6 82.6 82.6 82.6 82.6 94.9 94.9 94.9 96.6 76.6 96.9 96.9 98.0 96.9 98.0 97.3 97.3 98.3 97.3 97.6 95.6 95.6 GΕ 82.6 82 . t 25.6 GE 7001 A 3. 3 96+6 96.6 98.6 98.6 99.7 99.0 99.9 99.3 99.3 99. 1 92. 173.0 100.0 6 € 6 a a l 1.7 93.6 8 3 . 6 83.6 63.6 26.9 96.9 96.9 99.3 29.3 100.0 G E 1.7 83.6 46.9 96.9 96.9 99.3 99.3 99.7 99.7 100.0 100.0 100.0 5001 83.6 83.6 83.6 99.7 83.6 83.6 99.3 913.7 400 l 99.3 99.7 99.7 1.7 83.6 83.6 83.6 96.9 96.9 06.9 100.0 100.0 1.7 83.6 83.6 83.6 83.6 96.9 99.3 99.7 99.7 99.7 G € 76.9 96.9 120.0 102.0 100.0 83.6 99.3 99.1 2001 96.9 100.0 GF 1001 A 1.6 83.6 96.9 96.9 29. 1 97.1 99.7 99.7 100.0 120.0 99.3 6 E 0 1 1 7 96.9 99. 1 83.6 83.6 83.6 83.6 96.9 96.9 99.7 99.7 99.7 100.0 100.0 100.0

GLUBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY CSAFETAC FROM HOUDLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

5 14	TION NU	MBEF:	260637	STATI	ON NAME	: LENI	NG RAD U	SSR				PER10U	OF REC	080: <b>1</b> 8	-87		
													: JU!			0300-05	
		• • • • •		• • • • • • •	• • • • • •	• • • • • • • •	•• • • • •		RILITY				• • • • • • •		• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
	LING N I	51	r, E	(, ,	üΕ	G.E.	GΞ	6.6	65	GE	916 WIE	et .	1, \$	ΒE	61	۲, չ	C.F
	ET I	15	· · · ·	(1)	4		2 1/2		1 1/2		1	7/4	578	1/2	5/16	1/4	۱.,
											-						
					••••												
N O	CEIF	1 • 0	43.7	40.7	40.7	40.7	47.5	47.5	47.5	48.1	49.1	49.1	48.1	48.1	48.5	48.5	46.1
υE	200001	1.0	42.0	42.0	42.0	42.0	49.5	49.5	49.5	50.2	40.2	51.7	5.0 - 2	50.2	60.5	50.5	sg.f.
GE	18000	1.0	42.6	42.0	42.0	42.0	49.5	49.5	49.5	5 C • 2	50.2	57.2	50.2	50.2	۹0,5	50.5	56.5
6 F	160001	1.0	42.0	42.0	42.0	42.0	49.5	49.5	49.5	50.2	50 . 2	50.2	50.2	50 • Z	50.5	50.5	50.5
68	145001	1.0	42.0	42.0	42.0	42.3	49.5	49.5	47.5	>0 · 2	50.2	50.2	50 + Z	50 • 2	° j • 5	54.2	F 3.5
6 E	150001	1.0	42.0	42.0	42.ū	42.3	49.5	49.5	49.5	50 • 2	50 • 2	50.5	60.0	50 • 2	5 C . 5	50.5	50.5
r, E	100001	1.0	55.9	55.9	55.9	55.9	64.7	64.7	64.7	66.1	56.1	66.1	66 - 1	66 • 1	66.4	6.6.4	26.4
SE	90001	1.0	55.5	55.9	55.9	55.4	64.7	64.7	64.7	66.1	66.1	66.1	66.1	66.1	66.4	66.4	10.4
G E	80001	1.0	55.9	55.9	55.9	55.9	64.7	64.7	64.7	66.1	66 • 1	66.1	66.1	66.1	66.4	66.4	66.4
G E	70001	1.0	55.9	55.9	55.9	55.7	44.7	64.7	64.7	65.1	66 • 1	66.1	66.1	66.1	66.4	64.4	66.4
ij.F	60001	1.0	55.9	55.9	55.9	55.9	64.7	64.7	64.7	66.1	66 • 1	55.1	66.1	66 • 1	46.4	66.4	6.1, 4
ń.E	50001	1.0	56.6	56.6	56 • 6	56.6	65.4	65.4	65.4	66.A	66.8	66 . A	66 . B	56.9	57.1	67.1	57.1
6 F	45 501	1.0	56.9	56.9	56.9	56.9	66.1	66.1	66.1	67.5	67.5	67.5	67.5	67.5	67.8	67.9	47.H
į, r	40001	1.0	58.6	58.6	58 . 6	59.6	67.8	67.8	67.8	69.2	69.2	69.3	69.2	69.2	69.5	69.5	65.5
ts F	31001	1.C	59.0	59.0	59.0	59.0	68.1	69.1	68.5	69.8	69.8	69.8	69.8	59.8	70.2	77.2	70.2
ia F	30601	1.0	€0.0	60.0	60.0	60.0	69.2	69.2	69.5	70.8	70.8	17.9	70.8	70.4	71.2	71.2	71.2
to E	25,001	1.0	73.5	7 m • 5	70.5	70.5	s1.7	81.7	82.0	83.4	A3.4	83,4	A 3 . 4	93.4	P 3 . 7	3 7 . 7	8 5 <b>.</b> 7
. F	20001	1.0	71.5	71.9	71.9	71.9	83.4	83.4	83.7	85.1	Ø5.1	85.1	05.1	85.1	85.4	85.4	P 5 . 4
6 F	18001	1.0	72.5	12.5	12.5	72.5	84.1	84 - 1	84.4	85.8	85.8	85.8	85.A	85.8	P6.1	86.1	86.1
., .	11001	1.0	77.5	72.9	72.9	72.9	85.1	85.1	85.4	87.1	F7.1	87.1	F7.1	87.1	97.5	67.5	87.5
, f	[căsi	1.0	78.6	78.6	78 • 5	78.6	93.2	93.2	93.6	95.6	95.6	9° .6	95.6	95.6	95.9	95.9	75.9
1, 5	10601	1.2	78.6	78.6	78 • 6	78.6	94.2	94.2	94.6	96.6	76.6	96.6	76.6	96.6	26.9	96.9	96.9
. 8	1000	1.0	78.6	78.6	78.6	78.6	94.6	94.6	94.9	96.9	96.9	95.0	96.9	96.9	97.3	97.3	97.3
. €	9021	1.0	78.6	78.6	79.6	78.6	95.3	95.3	95.6	97.6	97.6	97.6	97.6	97.6	98.0	94.0	95.0
5, 5	7001	1.(	79.0	79.0	19.0	79.U	96.3	96 . 3	96.6	98.6	78.6	98.6	98.6	98.5	99.0	99.0	99.0
₽.E	€001		79.3	10.3	79.3	79.3	96.6	96.6	96.9	49.0	99.0	93.3	39.3	99.3	59.3	99.3	99.3
6 r	5071	1.0	79.3	79.3	79.3	19.3	96.6	96.6	96.9	99.	29.0	99.0	34.0	99.0	99.5	49.5	99.1
', F	4201	1.0	79.7	79.7	79.7	19.1	96.9	96.9	97.3	99.1	99.3	99.3	99.3	49.3	99.7	99.7	99.7
U f	· 40 f	1.0	79.7	79.7	79.7	19.7	26.9	96.9	27. 1	99.1	29.3	69.3	99.3	99.3	99.1	22.7	99.7
GF	7001	1.0	79.7	79.7	79.7	79.7	96.9	96.9	97.3	99	99.3	90.3	99.5	99.3	99.7	99.7	99.7
۶ و.	1001	1.0	79.7	79.7	79.7	79.7	96.9	96.9	97.3	99.1	29.3	90.1	99.3	99.3	100.0	100.0	190.0
6.5	21	1.0	79.7	79.7	79.7	79.7	96.9	95.9	97.3	99.1	20.1	99.1	09.3	99.3	100.0	100.0	100.0
	• • • • • • •	• • • • •		• • • • • • •					• • • • • • • • • • • • • • • • • • • •			· · · · · · · · ·	• • • • • • •				,

PERCENTAGE FREQUENCY OF OLCURPENCE OF CFILING VEHOUS VICIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87 MONTH: JUL - наимятьять: акап-св<sub>ас</sub>с VISIBILLITY IN STATUTE MILES GE GT, GE GE GL 2 2 1 1/2 1 1/4 1 3/4 IN | GE FEET | 10 5 6f 1/2 5/16 5/8 1/4 NC CEIL | 3.1 43.3 40.3 40.3 40.3 44.0 44.0 44.4 44.7 44.7 44.7 45.1 45.4 45.4 6 F 200001 3.4 43.7 43.7 43.7 41.7 48.1 48.1 48.5 48.5 48.8 48.8 48.8 49-1 49.5 43 6 44.5 49.0 43.7 43.7 49.9 49.8 48.8 47.5 GE 180001 3.4 43.7 43.7 48.1 48.1 4 2 . 1 49.5 4 5 . 5 43.7 43.7 48.5 48.8 48.8 49.4 49.5 GE 160001 43.7 43.7 48.1 44.5 GE 140001 43.7 43.7 43.7 48.1 48.1 48.5 48.8 48.8 44.0 48.8 47.1 49.5 6F 120001 48.1 43.7 48.8 48.1 48.5 48.8 57.3 6F 100001 5.8 57.3 57.3 57.3 63.5 63.5 63.8 64.5 64.5 64.5 64.8 65.2 55.2 65.6 64.5 64.5 90001 80001 64.5 64.5 64.8 65.2 65.2 65.5 G. F 5.8 57.3 57.3 57.3 57.3 63.5 63.5 63.8 64.5 64.5 65.2 65.0 GE 5.8 57.3 57.3 57.3 57.3 63.5 63.5 64.5 65.2 57.3 63.8 64.5 64.5 1000 l 63.8 64.A 60. GF 60001 57 . 7 63.8 64.9 65.5 57.7 65.2 65.5 67.9 50001 5 . 8 57.7 57.7 57.7 64.2 64.2 64.5 65.2 65.2 65.5 65.5 65.9 65.2 45.7 65.9 65.1 45001 45001 5.8 5.8 57•7 59•7 65.5 57.7 57.7 57.7 64.5 64.5 64.8 45.5 66.2 68.6 66.2 69.6 59.7 59.7 59 • 7 59 • 7 59.7 59.7 67.0 ., F 66.9 66.9 61.2 67.9 69.3 35 00 l 59.7 66,9 66.9 66.6 5.A 68.6 67.9 67.9 68.3 6 R . e 67.2 67.9 ี่ เดือว์ [ 60.4 60.4 60.4 60.4 67.9 1, 1 25,001 10005 75.A 84.6 85.7 A5. 1 F5.3 75.8 75.8 75 . A P4. 3 84.3 85.3 25.3 85.7 A6.0 87.C 6.1 76.5 A5.3 85.3 86.3 06.3 P7.3 76.5 76.5 76.5 A6 . 3 86.7 76 . 5 86.3 16051 15001 85.7 n6.3 86.3 96.3 P6.7 #1.D F1.0 85.3 85.3 86 • 3 f . 1 77.1 77.1 77.1 77.1 86.0 86 .0 93.5 86.3 93.9 87.0 87.C 81.7 67.0 87.4 97.7 87.7 F 7 . 7 94.5 94.5 95.2 10001 3001 A3.3 83.3 94.2 94.2 94.5 95.2 25.2 45.2 95.2 95.6 95.9 95.0 95.9 83.3 + . 1 93.3 A 3.3 83.3 83.3 83.3 83.3 94.5 94.5 95.9 96.6 94.5 94.9 95.0 25.9 25.9 96.2 96.6 96.6 06.0 6.1 91.3 94.5 94.9 94.2 96.2 96.6 96.9 96.2 76.2 93.5 93.3 83.3 83.3 94.9 94.9 95.2 26.6 96.6 97.3 47.3 37.3 A 3 . F. 8 7 . 6 R3.6 83.5 75.6 95.6 95.9 98.0 38.C 99.7 98.3 98.6 98.6 28.6 . 1 =4.0 84.0 84.0 84.0 95.9 95.9 96.2 98.3 98.3 90. 1 98.6 99.0 29.3 99.3 19.3 84.0 84.0 84.0 24. 84.0 96.2 98.6 99.0 \$9.7 99.7 84.0 96.2 96.6 98.6 98 € н ц. 84.0 84.0 84.U 96.9 96.9 99.0 96.6 96.6 99.7 99.3 79.3 99.7 120.0 100.0 100.0 44.3 96.6 99.0 · . ! 96.6 99. ) 99.7 100.0 99.3 130.0 100.0 A4.0 84.0 84.6 96.6 96.6 19.7 29.5 99.9 190.0 100.0 95.6 . 4 44.0 84.3 76.6 96.9 99.3 99.0 99.7 99.3 99.7 173.0 100.0 100.0 

A STATE OF STREET

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY FROM FOURLY OBSERVATIONS

STATION NUMBER: 260633 STATION NAME: LENINGRAD USSR

PERIOD OF PECORD: 76-87
HONTH: JUN HOURSTEST): 0900-1100

													1: JUN		S11511:			
C.F.	IL ING	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • •		BILITY							• • • • • • •	• • • • • • • •	• •
	IN I	GE	GE.	GE	GE	GE	GE	G f	30	GE	GF	GF .	f <sub>2</sub> f	Ğ£	5,8	91	£,#	
F	EET İ	10	ŧ	5	4	3	2 1/2		1 1/2		1	3/4	5/H	1/2	c/16	1/4	Ü	
• •	• • • • • • •	• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • • •		• • • • • •		• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• •
N O	SEIL I	6.2	44.5	44.5	44.5	44.5	45.9	45.9	45.9	45.9	45.9	45.7	45.9	45.0	45.0	45.0	45.9	
													•					
	200001	6.5	49.3	49.3	49.3	49.3	51.4	51.4	51.4	51.4	1.4	51.4	51.4	51.4	C1.4	51.4	E 1 . 4	
	180001	6.5	49.3	49.3	49.3	49.3	51.4	51.4	51.4	51.4	1.4	51.4	51.4	51.4	51.4	51.4	· 1 · 4	
	160001	6.5	49.3	49.3	49.3 49.3	49.3	51.4	51.4	51.4	51 • 4	51.4	51.4	51.4	51.4	51.4	51.4	5 3 . 4	
	,		49.3				51.4	51.4	51.4	51.4	41.4	51.4	<sup>6</sup> 1 • 4	51.4	51.4	51.4	51.4	
UL	120001	6.5	49.3	49.3	49.3	49.3	51.4	51.4	51.4	51.4	° 1 . 4	51.4	91.4	51.4	. 1 • 4	4,1 + 4	· 1.4	
GE	100001	8.6	64.7	64.7	64.7	64.7	67.8	67.8	67.8	67.8	67.8	67.4	67.8	67.P	(1.9	67.R	£ 7.5	
υE	90001	8.6	64.7	64.7	64.7	64.7	67.8	67.8	67.4	67.A	67.A	4, 7 . A	67.4	67.8	67.8	67.8	€7.5	
G E	80001	8.6	64.7	64.7	64.7	64.7	67.8	67.8	67.8	61.9	67.8	r, 7 . a	1.7 . A	67.B	f. 7 • 8	1, 7 . 2	# 7 . H	
υE	70001	8.6	64.7	64.7	64.7	64.7	€7.8	67.B	67.B	67.A	67.8	4, 7 . 0	67.8	67.R	11.8	67.A	17. m	
GE	60001	8.6	64.7	64.7	64.7	64.7	67.8	67.A	67.8	67.8	67.8	ь 7 . я	67.8	67.A	67.8	67.4	€7.4	
GE	scoal	8.6	65.4	65.4	65.4	65.4	68,5	68.5	68.5	68.5	44.5	£9.5	4.9.5	64.5	4A.5	64.5	6 A = 5	
GE	45001	8.6	65.4	65.4	65.4	65.4	68.5	64.5	68.5	69.5	e A . C	F. 4 . 5	69.5	69.5	6A.5	60.5	68.5	
GE	10001	8.6	67.1	67.1	67.1	67.1	70.5	17.5	73.5	17.5	10.5	77.5	79.5	73.5	70.5	70.5	10.5	
G E	35001	8.6	67.5	67.5	67.5	67.5	76.9	10.9	10.9	10.9	70.9	17.3	70.4	73.9	70.9	17.9	73.9	
GE	30001	8.6	67.8	67.8	67.8	67.8	71.2	71.2	71.2	71.2	71	71.2	71 - 2	71.2	71.2	71.2	71.2	
G E	25001	9.6	76.7	76.7	76.7	16.1	91.2	81.2	81.2	81.7	et.:	81.7	-1.2	91.2	91.2	01.2	A 1 • 2	
GΕ	22001	P.6	79.5	79.5	79.5	79.5	A3.9	83.9	я3,9	83.9	PIG	81.7	23.9	R 7 . Q	23.9	A 1.9	43.4	
GE	18601	9.6	81.2	81.2	81.2	81.2	85.6	85.6	85.6	85.6	A5.6	85.1.	A	A5.6	95.5	F5.6	P 5 . 6	
GE	15001	8.6	82.2	82.2	82.2	82·2	87.0	87.0	97.0	87.7	97.0	97.7	A7.0	97.0	A7.3	47.0	87.J	
G E	1200	8.6	88.4	88.4	88.4	88.4	94.2	94.2	94.2	14.5	04.0	94.5	44.5	14.5	94.5	54.5	94.5	
GE	10001	9.9	89.0	89.g	89.0	89.0	95.9	95.6	95.9	96.2	76.	96.5	26.2	96.2	26.2	96.2	40.2	
GE	9001	8.9	A 9 . 4	80.4	89.4	89.4	96.2	96.2	96.2	96.6	36.6	96.4	96.6	36.6	36.5	46.6	96.6	
GE	8001	8.9	99.4	89.4	89.4	89.4	97.3	97.3	97.3	97.6	97.6	47.6	97.5	97.5	97.6	97.6	97.6	
GE	7001	8.9	A9.7	89.7	89.7	89.7	98.3	98.3	98.3	98.6	98.6	4. P.C	38.6	98.6	26.6	94.6	98.6	
e e	6001	8.9	89.7	89.7	89.7	89.7	98.3	98.3	98.3	99.0	99.0	30.0	99.0	49.0	63.0	၁၀.၉	36 * ()	
GΕ	5001	9.9	89.7	89.7	89.7	89.7	98.3	98.3	98.1	99.3	99.	42.1	99.0	99.0	29.0	99.0	20.5	
GE	4001	8.9	89.7	89.7	89.7	89.7	98.3	98.3	98.3	99.3	99.1	99.5	99.0	99.7	99.0	99.0	99.0	
GF	3001	8.9	89.7	89.7	89.7	89.1	99.0	99.0	99.0	99.1	29.7	99.7	99.7	99.7	99.7	99.1	99.7	
GĒ	2001	6.9	89.7	89.7	89.7	89.7	99.0	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	29.7	99.7	
GΕ	1001	8.9	89.7	89.7	89.7	89.7	99.0	99.0	99.0	99.7	29.7	99.7	99.7	99.7	99.7	92.7	99.7	
G E	01	6.9	90.1	90.1	90.1	90.1	99.3	99.3	97. 3	100.7	100.0	100.0	100.0	100.0	100.0	Lun.n	100.0	
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## PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

s r	ATION NE	JMRER:	260630	LTATZ	ON NAME	: LENI	INGRAD U	SSR				PEPIC	) OF REC	ORO: 78	-87		
													4: JUN			1236-14	
C.F.	ILING	• • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • • •			IN STAT		• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • • • •
	IN I	GΕ	GE	GF	GΕ	GΕ	GE	GE	GE	0E	GE	LE 2	Gf	GE	GE	GE	GE
F	EET İ	1.0	6	٠. ن	4		2 1/2		1 1/2		1	1/4	5/8	1/2	5/16	1/4	2
٠.	• • • • • • •				• • • • • •											•	
		9.6	34.9														
.,0	CEIL I	7.0	34.4	34.9	34.9	34.9	34.9	34.9	34.9	35 . 3	35 • 3	3	35 + 3	35 • 3	35 • 3	35.3	35.3
GE	200001	9.9	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.8	40.A	40.0	40.8	40.8	40.7	40.8	40.4
	180001	9.9	40.4	40.4	40.4	40.4	40.4	43.4	40.4	40.8	40.8	40.9	43.8	40.8	47.8	47_B	46.8
υE	16500	9.9	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.8	40.8	40.8	40.8	40.8	40.8	40.8	4 U . B
	14მიე	9.9	40.4	47.4	40.4	43.4	40.4	47.4	40.4	40 . R	40.8	40.8	40.8	40.8	4.1.8	47.8	40.9
G€	150001	9.9	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.9	40.8	4C.8	4).º	49.8	40.3	40.9	40.4
G.F	100031		54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.5	54.5	54.5	54.5			_	
GE	90001		54.1	54.1	54.1	54.1	54.1	54 • 1	54.1	54.5	54.5	54.5		54.5	54.5	54.5	54.5
GE	80001		54.1	54.1	54 - 1	54.1	54.1	54 • 1	54.1	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
6 E	77601		54.1	54.1	54 • 1	54.1	54.1	54.1	54.1	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE	60001		54 - 1	54.1	54 - 1	54.1	54.1	54.1	54.1	54.5	54.5		54.5	54.5	۹.5	54.5	54.5
	0.001		3,41	3	,,,,,	34.1	340 1	34.1	34.1	34.5	74.5	54.5	54.5	54.5	54.5	54.5	54.5
GE	50001	12.0	56.2	56.2	56 • 2	56.2	56.5	56 + 5	56.5	56.8	56.8	56.8	56.8	56.4	56.8	56.F	16.5
GE	45001	12.0	56.2	56.2	56.2	56.2	56.5	56.5	56.5	56 • 8	56 + 8	56.8	56 . A	56.8	56.8	56.B	56.8
GΕ	40001	13.0	61.3	61.3	61.3	61.3	62.3	62.3	62.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
G E	35001	13.0	61.6	61.6	61.6	61.6	62.7	62.7	62.7	63.0	63.D	67.7	63.0	63.0	63.0	63.0	63.0
e e	30001	13.7	64.0	64.0	64.0	64.0	65.1	65.1	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE	25 00 1	14.4	92.5	82.5	82.5	62.5	84.2	84.2	84.2	84.6		04. (	• • •	01: 1			
GE	20001		85.6	85.6	85.6	85.6	•			-	84.6	84.6	84.6	84.6	24.6	84.6	64.6
GE	18001	-	96.3	86.3	86.3		87.7	87.7	87.7	88.0	P8 • D	88.0	88.0	88.0	P.B. O	0.48	88.J
GE	15001		87.7	87.7	87.7	86.3 87.7	88.7	88.7	88.7	89.0	89.D	89.0	89.0	89.0	89.0	89.0	89.0
GF	12001		92.5	92.5	92 • 5	92.5	90•4 96•2	90 • 4 96 • 2	90.4 96.2	90.8	90 • 8	90.4	90.8	90.8	90 • B	90.8	90.5
•	*** 501			72.5	47.0	42.3	76.2	90.2	90.2	96.6	96.6	96.6	96.6	96.6	96.6	95.6	96.6
GE	1000	14.7	93.2	93.2	93.2	93.2	96.9	96.9	96.9	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE	400 l	14.7	93.2	93.2	93.2	93.2	96.9	95.9	96.9	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
CE	8001		93.2	93.2	93.2	93.2	96.9	96.9	97.3	97.6	97.9	97.9	97.9	97.9	97.7	97.9	97.9
GE	7 G C		93.5	93.5	93.5	93.5	97.9	97.9	98.3	98.6	99.0	99.0	99.0	99.3	99.D	99.0	99.0
ΘE	6071	14.7	93.5	93.5	93.5	93.5	98.3	98.3	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
6 F	5001	14.7	93.8	93.8	93.8	93.8	99. D	99.0	99. 3	99.7	100 0	100 0	100 :	100 0			
GE	4001		93.8	93.8	93.8	93.8	99.0	99.0	99.3	99.7	100.0	100.0	170.0	100.0	130.5	160.0	100.0
GF	3001	•	93.6	93.8	93.8	93.8	99.0	99.0	99.3	99.7	170.0	100.0	100.0	100.0	100.0	100.0	100.0
GF	2001		93.8	93.8	93.8	93.8	99.0	99.0	99.3	99.7	100.0	100.0	100.0	100.0	100.0	130.0	100.0
6.5	1001		93.A	93.8	93.8	91.8	99. C	99.0	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
									. , . ,			10 .0	• 43 • 0	• 00 • 0	. 110 • U	# 44 (7 + 17	100+0
is F	0	14.7	93.A	93.8	93.8	93.8	79. D	99.0	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC

#### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VIRSUS VILIBILITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC PER100 OF PECOPD: 78-87 STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR MONTH: JUN HOUPS(LST): 1500-1730 VISIBILITY IN STATUTE MILES GE GE GE CEILING GΕ IN 1 GE FEET 1 1 GE 4 GE GE 3 2 1/2 GΕ G€ C 2 1 1/2 1 1/4 e/16 10 3/4 5/8 1/2 1/4 NO CEIL | 7.2 34.6 34.2 34 . 2 34.2 34.6 34.6 34.6 34.6 34.6 34.6 34.6 74.6 34.6 74.6 37.0 77.0 17.0 6 c 200001 8.2 36.6 36.6 36 . 6 36.6 37.0 37.D 37.0 37.C 77.D 37.0 27.0 37.0 37.0 37.0 37.0 37.0 37.0 77.0 37.0 77.0 36.6 37.0 37.0 GE 180001 8.2 36.6 36 .6 36 . 6 37.0 GE 160001 36.6 37.0 37.0 37.0 37.0 37.0 37.9 37.0 37.0 37.0 36.6 36.6 36 . 6 17.0 GE 140001 36.6 36.6 36.6 37. D 37.0 37.D 37.0 37.0 37 . n 37.C 37.0 7.0 37.0 37.0 GE 120001 37.0 37.0 37.0 37.0 49.7 GE 10000| 10.6 49.0 49.0 49.0 49.D 49.7 49.7 49.7 49.7 49.7 49.7 49.7 49.7 44.7 90001 10.6 49.0 49.0 49.7 49.7 49.7 49.7 GF 49.0 49.0 49.3 49.7 49.7 49.7 49.7 49.7 49.7 49.7 49.7 49.C 49.7 49.7 49.7 49.7 49.7 49.7 49.0 49.0 GΕ G.F. 70001 10.6 49.0 49.0 49.0 49.7 49.7 49.7 49.7 49.7 49.7 49.7 49.7 J Q . 7 u Q . 7 49.0 40. 62001 10.6 49.0 49.0 49.0 49.7 49.7 49.7 49.7 GE 49.7 49.7 49.7 4 1. 7 52.1 52.7 50001 11.3 52.1 52.1 52.1 52.7 52.7 52.7 52.7 52.1 52.7 45001 11.3 GE 52.4 52.4 52.4 57.9 52.4 53.1 53.1 53.1 53.1 53.1 53.1 59.7 53.1 53.1 58.9 53.1 53.1 53.1 58.9 GE 42001 12.7 57.9 58.9 50.9 58.9 58.9 59.9 58.9 3500 58.9 40.3 60.3 60.3 60.3 40.3 60.3 60.3 60.3 G E 30001 13.4 59.9 59.9 59.9 59.9 61.3 61.3 61.3 61.3 61.3 61.3 61.3 61.3 61.3 61.3 61.3 GE 25 ppl 13.7 8 O . 8 80.8 80.8 80.8 63.2 83.2 83.6 83.6 93.6 83.6 83.6 83.6 P 1.6 83.6 . . . R7.7 87.7 P 7 . 7 GE 20001 14.4 84.6 84.6 84.6 87.0 87.0 87.3 87.3 A7.7 87.7 87.7 87.7 84.6 84.6 87.3 6 E 18001 14.4 84.6 84 . 6 84.6 87. G 87.0 87.3 87.3 c7 • 7 87.7 87.7 87.7 97.7 87.7 97.7 90.4 15001 14.4 87.3 87.3 89.7 89.7 90.1 90.1 90.4 97.4 90.4 90.4 90.4 90.4 12001 14.4 G E 10001 14.4 94.2 94.2 94.2 94.2 97.6 97.6 97.9 97.9 98.3 99.3 98.3 99.3 28.3 98.3 28.3 5 E 900 | 14.4 94.2 94.2 94.2 94.2 94.2 94.2 97.6 97.9 97.6 97.9 97.9 97.9 98.3 99.3 98.3 98.3 98.3 98.3 90.3 800| 14.4 700| 14.4 94.2 98.3 98.6 98.6 98.6 98.6 98.6 98.6 G E 98.3 98.6 94.5 94.5 99.0 94.5 94.5 98.3 98.3 98.6 98.6 99.0 99.0 99.0 99.3 99.0 99.0 94.9 99. D 99.0 99.7 99.7 GE 5001 14.4 94.9 94.9 94.9 97.7 99.7 99.7 99.7 99.3 6 F 4601 14.4 95.2 95.2 95.2 95.2 99.3 99.7 99.7 100.0 107.7 100.0 100.0 100.0 100.0 100.0 300| 14.4 99.3 99.3 95.2 95.2 95.2 95.2 99.7 GE 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 200| 14.4 160| 14.4 99.3 99.3 100.0 100.0 100.3 100.0 100.0 100.0 99.3 75.2 95.2 95.2 95.2 99.3 99.7 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 0 | 14.4 95.2 95.2 95.2 95.2 99.3 99.7 99.7 100.0 100.0 100.0 100.0 100.0 100.0 99.3

#### PERCENTAGE FREQUENCY OF OCCURPENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87
HONTH: JUN HOURS(EST): 1800-2000 STATION NUMBER: 26063C STATION NAME: LENINGRAD USSR 

															,,,,,		
			• • • • • • •			• • • • • • •											
CEI	LING							V 151	BILITY	IN STATE	UTF MILI	E S					
Ţ	N I	GE	GE	GE	GE	GE	GE	GΕ	GF	G£	GE	r. E	Gr	GΕ	GE	GE	G E
FÉ				5													
			ь		4		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	n
٠																	
NΩ	CEIL	8.3	35.3	35.3	35.3	35.3	35.6	35.6	35 • 6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
0			,,,,,	3,43	33.3	22.2	33.6	33 40	2240	37.0	33.0	37.0	,,,,	33.5	. 5 . 6	33.6	33.6
GÉ	200001	70.0	40.1	40.1	40.1	40.1	46.5	40.5	4 ე. 5	40.5	40.5	40.5	40.5	49.5	40.5	47.0	40.5
(a F	180001	10.0	40.1	40.1	40.1	40.1	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
_	160001		40.1	43.1		40.1	40.5		40.5								
					40 • 1			40.5		40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
	140001		40.1	40.1	40 - 1	40.1	40.5	40.5	40.5	40.5	40.5	47.5	40.5	40.5	40.5	40.5	40.5
GE	120001	10.0	40.1	43.1	40 • 1	40.1	40.5	40.5	40.5	40.5	40.5	47.5	40.5	4 n • 5	40.5	40.5	43.5
														3.	• • •		• • •
cc	100001	17 6	52.9	52.9	52.9	52.9	53.6	53.6	53.6	53.6							
											53.6	53.6	54.0	54.0	54.0	54.0	54.0
GE	90001		52.9	52.9	52.9	52.9	53.6	53.6	53.6	53.6	53.6	53.6	54.0	54.0	54.0	54.0	54.0
GΕ	80001	13.5	52.9	52.9	52.9	52.9	53.6	53.6	53.6	53.6	53.6	53.6	54.0	54.0	54.0	54.0	54.0
GF	70001	13.5	53.3	53.3	53.3	53.3	54.0	54.0	54.0	54.0	54.0	54.7	54.3	54.3	54.3	54.3	54.3
GE	60001		53.3	53.3	53.3	53.3	54.0	54.0									
O C	80001	13.3	13.3	23.5	23.2	23.3	34.0	34.0	54.0	54.0	54.0	54.0	54.3	54.3	54.3	54.3	C4. 3
GE	50001	14.5	55.7	55.7	55 • 7	55.7	56.7	56.7	56.7	56.7	56.7	56.7	57.1	57.1	57.1	57.1	57.1
GE	4500	14.9	56.7	56.7	56 • 7	56.7	57.8	57.8	57.8	57.9	57.8	57.8	59.1	58.1	58.1	58.1	< b . 1
GΕ	40001		60.9	60.9	60.9	60.9							-				
							62 • 3	62.3	62.3	62.3	62.3	62.3	62.6	62.6	62.6	67.6	62.6
GE	35 oo l		61.2	61.2	61.2	61.2	62.6	62.6	62.6	62.6	62.6	62.6	63.0	63.0	63.0	63.0	63.0
GE	30001	15.9	52.6	62.6	62.6	62.6	64.0	64.0	64.0	64.0	64.0	64.0	64.4	64.4	64.4	64.4	64.4
GΕ	25 nn l	17.0	R1.3	61.3	81.3	81.3	83.7	83.7	83.7	83.7	P3.7	83.7	94.1	84.1	P4 . 1	9	p4.1
															-	84.1	
GΕ	50001		83.4	83.4	83.4	83.4	85 • 8	85.8	85.8	85.9	85.8	85.8	86.2	86.2	86.2	86.2	86.2
GE	18001		84.4	84.4	84.4	84.4	86.9	86.9	86 • 9	86.9	86 • 9	86.9	A7.2	87.2	P7.2	87.2	E7.2
6 E	1500	17.0	85.5	85.5	85.5	85.5	87.9	87.9	87.9	87.9	R7.9	87.9	88.2	88.2	28.2	88.2	88.2
ĞĒ	12001		92.4	92.4	92.4	92.4	95.8	95.8	95.9	95.8	95.8	95 A	96.2	96.2	96.2	95.2	96.2
O L	11.00	17.00	, , ,	,	72 • 1	,	,,,,,	7,10	7340	73.0	73.0	7 7 . 17	*0.2	76.2	40 • 5	75.2	40.2
			_														
C E	10001		93.i	93.1	93 • 1	93.1	96.9	96.9	96.9	96.9	96.9	97.2	97.6	97.6	97.6	97.6	97.6
GE	9001	17.0	93.4	93.4	93.4	93.4	97.2	97.2	97.2	97.2	97.2	97.6	97.9	97.9	97.9	97.9	97.9
GF	8 no 1	17.0	93.4	93.4	93.4	93.4	97.2	97.2	97.2	97.2	97.2	97.6	97.9	97.9	97.9	97.9	97.9
GE		17.0	94.1	94.1													
			_	-	94 • 1	94.1	97.9	97.9	97.9	97.9	97.9	98.3	98.6	98.6	98.6	98.6	96.6
GE	6001	17.C	94.1	94.1	94 • 1	94.1	97.9	97.9	97.9	97.9	97.9	90.3	98.6	98.6	98.6	98.6	98.6
દ દ	5001	17.€	94.1	94.1	94.1	94.1	98.3	98.3	98.3	98.3	98.3	9 P . 6	99.0	99.0	99.0	99.0	99.0
GE		17.0	94.5	94.5	94.5	94.5	98.6					-				-	
								98.6	98.6	38.6	98 • 6	30.0	99.3	99.3	99.3	99.3	99.3
GΕ		17.0	94.5	94.5	94.5	94.5	98.6	98.6	98.6	98.6	99.0	90.3	99.7	99.7	99.7	99.7	99.7
GΕ	2001	17.0	94.8	94.8	94.8	94.8	99.0	99.0	99.0	99.0	99.3	97.7	100.0	100.0	100.0	100.0	100.0
G F	1001	17.0	94.8	94.8	94.8	94.8	99.0	99.0	99.0	99.0	99.3	99.7	100.0	100.0	100.0	100.0	100.0
												•	1		10000	.00.0	
G€		17.0	74.8	94.8	04 0	0 0				a.o. c							
					94.8	94.8	99.0	99.0	99.0	99.0	99.3		100.0				100.0
	• • • • • •																

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 26063C STATION NAME: LENINGRAD USSR

PERIOD OF RECURD: 78-87
MONTH: JUN HOURS(EST): 2100-2300

													: 304	HUUR	21 E / 11:	2100-2	s C ti	
CF	LING		• • • • • •	• • • • • • •		• • • • • • •	••••••	VICT	BILLEY	IN STAT		•••••	•••••		• • • • • • •	• • • • • • •	• • • • • • • •	• • •
		GE	GE.	GE	G E	GE	GE	G F	GE	61	30	66	GE	G£	6F	61	6F	
	ET I	10	- 6	· 5	4		2 1/2		1 1/2		1	7/4	5/6	1/2	5/16	1/4	6,	
							•••••	••••		• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •		• • • • • • •	• • • • • • •		• • • •
NO	L 1130	8 • 0	44.3	44.3	44.3	44.3	45.3	45.3	45.3	45.3	45.3	40.1	45.3	45.6	45.6	45.6	45.6	
															43.0		4,700	
GE	200001	9.4	48.8	48.8	48.8	48.8	49.8	49.8	49.8	49.9	49.8	40.4	49.8	50.2	50.2	50.2	50.2	
GE	180001	9.4	48.8	48.8	48.8	48.8	49.8	49.8	49.8	49.8	49.8	45 A	49.8	53.2	53.2	50.2	50.2	
GΕ	160001	9.4	48.8	48.8	48.8	48.8	49.8	49.8	49.8	49.9	49.6	4 C . R	49.8	53.2	50.2	50.2	50.2	
GE	140001	9.4	48.8	48.8	48.8	48.8	49.8	49.8	49.8	49.8	49.8	40.0	49.8	50.2	10.2	50.2	50.2	
GE	120001	9.4	48.8	48.8	48 • 8	48.8	49.8	49.8	49.8	49.8	49.8	42.0	47.8	53.2	50.2	50.2	50.2	
												-		,,,,	,,,,,	10 • 2	36.66	
GE	100001	12.2	62.7	62.7	62.7	62.7	64.8	64.8	64.8	65.2	65.2	65.2	65.2	65.5	65.5	65.5	65.5	
GĒ	90001	12.2	62.7	62.7	62.7	62.7	64.8	64.8	64.8	n5 • 2	65+2	61.2	65.2	65.5	65.5	65.5	65.5	
GE	80001	12.2	62.7	62.7	62.7	62.7	64.8	64.8	64.8	65.2	65.2	65.2	65.2	65.5	65.5	65.5	65.5	
GE	70001	12.2	62.7	62.7	62.7	62.7	64.8	64 .A	64. B	65.2	65.2	65.2	65.2	65.5	65.5	65.5	65.5	
GE	60001	12.5	63.4	63.4	63.4	63.4	65.5	65.5	65.5	65.9	65.9	P	65.9	56.2	66.2	66.2	66.2	
			-					•						3.7.2		0012		
G E	50001	12.9	64.8	64.8	64.8	64.8	67.2	67.2	67.2	67.6	67.6	67.6	67.6	67.9	67.9	67.9	67.9	
GΈ	45001	12.9	65.2	65.2	65.2	65.2	67.6	67.6	67.6	67.9	67.9	67.7	67.9	68.3	68.3	69.3	68.3	
GE	40001	12.9	67.9	67.9	67.9	67.9	70.7	70.7	70.7	71.1	71.1	71.1	71.1	71.4	71.4	71.4	71.4	
GΕ	35 DO İ	12.9	68.6	68.6	68 . 6	68.6	71.4	71.4	71.4	71.8	71.8	71.8	71.3	72.1	72.1	72.1	72.1	
GE	30001	13.2	69.3	69.3	69.3	69.3	72.1	72.1	72.1	72.5	72.5	72.5	72.5	72.9	72.8	72.8	72.8	
GE	25001	13.2	93.6	83.6	B3.6	83.6	86.4	86.4	86.4	86.3	86 . 8	86.2	P 6 • 8	87.1	97.1	67.1	87.1	
GΕ	20001		85.D	85.0	85 <b>.</b> g	85.0	88.5	88.5	88.5	88.9	88.9	98.9	98.9	89.2	99.2	89.2	89.2	
GF	18001	13.2	95.0	85.0	85.0	85.ü	88.5	88.5	88.5	88.9	88.9	80.7	88.9	89.2	89.2	89.2	09.2	
GE	1500	13.2	96.4	86.4	86 • 4	86 • 4	90.2	90.2	90.2	90.6	70 • 6	97.6	70.6	90.9	90.9	90.2	90.9	
GΕ	12001	13.2	92.0	92.0	92.0	92.0	96.2	96.2	96.2	96.5	96.5	96.5	96.5	96.9	96.9	96.9	26.9	
GE	1000		92.0	92.0	92.0	92.0	96.5	96.5	96.5	96.9	76.9	96.9	96.9	97.2	97.2	97.2	97.2	
GΕ		13.2	92.3	92.3	92.3	92.3	97.2	97.2	97.2	97.6	77.6	97.6	77.6	97.9	97.3	77.9	97.7	
GE		13.2.	92.3	92.3	92.3	92.3	97.2	97.2	97.2	97.6	97.6	97.6	37.6	97.9	97.9	97.9	97.9	
GF		13.2.	92.3	92.3	92.3	97.3	98.6	98.6	98.6	99.0	99.0	99.7	99.0	99.3	99.3	99.3	99.3	
GE	6001	13.2	92.3	92.3	92.3	92.3	98.6	94.6	98.6	99.0	99.0	99.8	99.3	99.3	99.3	99.3	99.3	
Ģ.€		13.2	92.3	92.3	92.3	92.3	98.6	98.6	98.6	99.0	39.0	33.0	99.0	99.3	99.3	99.3	99.3	
GΕ		13.2	92.7	92.1	92 • 7	92.7	99.3	99.3	99.3	99.7	49.7	99.7	99.7	100.0	100.0	100.0	100.0	
G E		13.2	72.7	92.7	92 • 7	92.7	99.3	99.3	99.3	99.7	29.7	99.7	99.7	100.0	100.0	100.0	100.0	
ΘE		17.2	92.7	92.7	92.7	92.7	99.3	99.3	99.3	99.7	99.7	99.7	29.7	100.0	170.0	100.0	100.0	
GE	1001	13.2	92.7	92.7	92.7	92.7	99.3	99.3	99.3	99.7	59.7	99.7	99.7	100.0	100.0	100.0	100.0	
GΕ		13.5	92.1	92.1	92.7	92.7	99.3	99.3	99.3	99.7	99.7	99.1	99.7	100.0	100.0	100.0	100.0	
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## PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VICIPILITY FROM HOURLY OBSERVATIONS

S TA					ON NAME:							MONTH		H0045	ILSTI:	ΔįL	
( ) !	LING		• • • • • • •	•••••	• • • • • • • •	• • • • • •	•••••			IN STATE					• • • • • •	• • • • • • •	
1	N I	GE 10	GE 6	G E S	GE 4	G E 3	6 <u>5</u> 2 1/2	G E 2	GF 1 1/2	GE 1 1/4	GΕ 1	GE 374	G f 5 / A	GE 1/2	ωE 5/16	GE 174	0 61
• • •	• • • • • •	• • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • • •	• • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • •
N O	CEIL	5.4	39.9	39.9	39.9	39.9	42.3	42.3	42.3	42.5	42.5	42.5	42.5	42.6	42.7	47.7	42.7
GΕ	100001	6.3	43.6	43.6	43.6	43.6	46.2	46.2	46.3	46.5	46.5	44 5	46.5	46.6	46.7	46.7	46.7
GE	180001	6.3	43.6	43.6	43.6	43.6	46.2	46.2	46.3	46.5	46.5	46.5	46.5	46.6	46.7	45.7	46.7
GΕ	160001	6.3	43.6	43.6	43.6	43.6	46.2	46.2	46.3	46.5	46.5	44.5	46.5	46.6	46.7	45.7	46.7
GE	140001	6.3	43.6	43.6	43.6	43.6	46.2	46.2	46.3	46.5	46.5	41.5	46.5	46.6	46.7	46.7	46.7
GE	120001	6.3	43.6	43.6	43.6	43.6	46.2	46.2	46.3	46.5	46.5	46.1	45 • 5	46.6	46.7	46.7	46.7
GE	100001	8.1	56.9	56.7	56.9	56.9	60.4	60.4	60.5	61.0	61.0	61.2	61.0	61.1	61.3	61.3	€1.3
űΕ	90001	8.1	56.9	56,9	56.9	56 • 9	60.4	60.4	60.5	61.0	61.0	61.0	61.3	61.1	61.3	61.3	61.3
GE	8000]	8.1	56.9	56.9	56.9	56.9	60.4	60.4	60.5	61.0	61.0	61.7	61.0	61.1	61.3	61.3	61.3
GE	10001	8.1	57.0	57.0	57.0	57.0	60.5	60.5	60.5	61.0	61.0	61.0	61.1	61.2	£1.3	61.3	61.3
GE	60001	8 • 1	57.1	57.1	57.1	57.1	60.6	60.6	60.7	61.1	61.1	61.2	61.2	61.3	61.4	61.4	61.4
GΕ	50001	8.4	58.5	58.5	58 • 5	58.5	62.2	62.2	62.3	62.8	62.8	67.9	62.8	62.9	63.1	63.1	€3.1
GE	45001	8.5	58.8	58.8	58 . 8	58.6	62.7	62.7	62.7	63.2	63.2	67.2	63.3	63.4	63.5	63.5	€3.5
GE	40001	8 • 9	62.C	62.0	62 . D	62.0	66.2	66.2	66.2	66.7	66.7	66.7	66.8	66.9	67.0	67.0	61.0
GΕ	3500	9 • O	62.4	62.4	62 • 4	62.4	66.7	66.7	66.7	67.2	67.2	6'. 3	67.3	67.4	67.5	67.5	€ 7 • 5
6€	30001	9 • 1	63.4	63.4	63.4	63.4	67.8	67.8	67.9	68.3	68.3	69.4	69.4	64.5	64.6	68.6	68.6
6 E	25001	9.4	78.1	78.1	78.1	78 - 1	83.5	83.5	83.6	84.1	84.1	84.1	84.1	84.2	94.4	84.4	94.4
GE	20001	9.6	80.2	80.2	80 • 2	80.2	85.8	85.8	85.9	86.4	P6 . 4	86.5	P6.5	86 . 6	96.7	86.7	86.1
GE	18001	9.6	80.7	80.7	80.7	80.7	86.3	86.3	86.5	86.9	87.0	87.0	a7.1	87.1	97.3	87.3	87.3
GĒ	15001	9.6	81.8	81.8	81.8	81.8	87.7	87.7	87.8	88.3	88.4	80.4	98.5	88.6	98.7	89.7	88.7
G F	1500	9.6	87.8	87.8	87.8	87.8	95.D	95.0	95.2	95.8	95.8	95.9	95.9	96.0	96.1	96.1	96.1
GE	iconi	9.6	88.2	88.2	88.2	88.2	95.9	95.9	96•G	96.7	96.8	96.9	96.7	97.0	91.1	97.1	97.1
GE	9001	9.6	88.3	88.3	88.3	88.3	96.1	96.1	96. 3	97.0	97.1	97.2	97.2	97.3	97.4	97.4	97.4
GE	1008	9.6	88.3	88.3	88.3	88.3	96.5	96.5	96.7	97.5	97.6	97.6	97.7	97.9	97.9	91.9	97.9
GF	1001	9.6	88.7	88.7	PB • 7	88.7	97.3	97.3	97.5	98.3	98.4	99.5	98.5	94.6	98.8	90.0	98.8
GE	6001	9.6	88.9	88.9	88.9	89.9	91.6	97.6	97.8	98.8	98.9	99.3	99.0	99.1	66.5	93.2	99.2
GΕ	5 oo l	9.6	98.9	88.9	88.9	88.9	97.8	97.8	98.0	99.0	99.1	90.1	99.2	99.3	99.4	69.4	99.4
GΕ	4001	9.6	89.1	89.1	99.1	89.1	98.1	98 • 1	98.2	99.2	90.3	99.4	99.5	99.6	99.7	99.7	99.7
GF	1001	9.6	89.1	89.1	89.1	89.1	98.2	98.2	98.4	99.4	99.5	99.6	99.7	99.7	79.9	99.9	99.9
GE	5001	9.6	89.2	89.2	89.2	89.2	98.2	98 . 2	98.4	99.4	99.5	99.5	49.7	99.4	99.9	99.9	99.9
GE	1 001	9.6	99.2	89.2	89.2	89.2	98.2	98.2	98.4	99.4	99.5	33.4	99.7	99.8	100.5	100.0	170.0
G E	01	9.6	49.2	89.2	89.2	89.2	98.3	98.3	98.5	99.4	99.6	99.7	49.7		100.0		100.0

#### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIFICITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR PEP100 OF PECOPD: 78-87 MONTH: JUL HOURS(LST): COOC-0250 CEILING VISIBILITY IN STATUTE MILES GE GE GE 2 1 1/2 1 1/4 GE GE G E 4 GE GE , 116 GE GF FEET | 3 2 1/2 5/8 10 6 5 1 7/4 1/2 174 - 61 39.9 39.9 39.9 44.5 NO CEIL I 39.9 43.5 43.5 44.5 44.5 44.5 44.5 . 3 43.5 GE 200001 41.6 41.6 41.6 41.6 45.5 45.5 45.5 46.4 46.4 . 6 46.4 46.4 46.4 46.4 46.4 46.4 45.5 45.4 0 E 18C001 . 6 41.6 41.6 41.6 41.6 45.5 45.5 46.4 46.4 46.4 46.4 46.4 46.4 45.4 GE 160001 . 6 41.6 41.6 41.6 41.6 45.5 45.5 46.4 46.4 46.4 46.4 46.4 46.4 46.4 46.4 46.4 GE 140001 45.5 46.4 41.6 46.4 45.5 45.5 46.4 46.4 . 6 41.6 41.6 46.4 GE 12000| 45.5 46.4 46.4 45.5 66.2 66.2 66.2 GE 100001 . 6 55.8 55.8 55.8 55.8 64. D 64.0 64.3 66.2 66.2 66 • 2 66.2 66.2 65.6 55•8 55•8 55.8 55.8 64.0 64.0 66.2 66.2 66 • 2 66 • 2 66.2 66.2 G E 91001 55.8 55.8 64.0 64.3 66.2 66.2 55.2 80001 64.3 66.2 66.2 66.2 55 • 8 55 • 8 64.0 66.2 55.8 55.8 64.0 64.D 64.3 GE 70001 55.8 55.8 64.3 66.2 66.2 66.2 66.2 66.2 66.7 56.2 16.2 60001 . 6 56.2 56 . 2 56.2 66.6 66.6 GE 66.6 56 • 6 66.6 5000 | 45 00 | 4000 | GE 58.8 58.8 69.2 69.2 69.8 58.8 58.8 66.9 66.9 69.2 69.2 69.2 09.2 59.2 • 6 .6 59.4 61.0 59.4 61.0 59.4 61.0 67.5 69.2 67.9 69.5 69.8 69.8 71.4 69.9 69.8 69.8 71.4 67.8 71.4 GE 59.4 67.5 69.8 G E 69.2 71.4 71.4 61.0 G.F 35001 61.7 61.7 61.7 61.7 69.8 70.1 12.4 72.4 72.4 72.4 G E 30001 . 6 62.3 62.3 62.3 62.3 71.8 71.8 72.1 74.4 74.4 74.4 74.4 74.4 74.4 74.4 R7.3 GΕ 25001 74.7 74.7 77.3 84.7 87.3 87.3 97.3 £7.3 F7.3 . 6 74 . 7 74.7 84.7 85.1 87.3 F.7.3 angel . 6 90.6 88. O 0.88 88.3 90.6 90.6 90.6 90.6 90.6 90.0 GE 18001 . 6 77.9 77.9 77.9 77.9 88.6 88.6 89.0 91.2 91.2 91.2 91.2 91.2 91.2 91.2 91.7 77.9 77.9 91.2 91.2 91.2 GE 15001 88.6 88.6 89.0 91.2 . 6 6 E 12001 84.1 95.5 95.8 98.1 98.1 98.1 G.F 10001 94.1 95.8 95.8 95.8 98.4 98.4 94.4 98.4 78.4 08.4 9 P . 4 98.4 9001 84.1 G E 84.1 84.1 84.1 98.4 78.4 78.4 08.4 98.4 . 6 95.8 96.1 98.4 98.4 98.4 RUDI P4.1 84.1 G E 96.1 96.1 98.7 98.7 98.7 98.7 99.1 GE 7001 . 6 94.4 84.4 84 . 4 84.4 96.4 96.4 96.8 99.1 99.0 99.13 99.0 22.0 99.0 99.0 6001 . 6 84.4 96.4 96.4 G E c 00 f R4.7 84.7 94.7 84.7 96.8 97.1 99.7 100.0 100.5 100.0 1000 100.0 100.0 96 .8 100.0 4001 3001 100.0 84.7 84.7 84 . 7 96.8 96.8 97.1 99.7 100.0 170.0 100.G 100.0 100.0 6 E . 6 84.7 96.8 100.0 100.0 100.0 84.7 84.7 84.7 . 6 A4 . 7 96.8 100.0 100.3 100.0 100.0 G E 2001 . 6 84.7 84.7 84 . 7 84.7 96.8 96.8 97.1 99.7 100.0 10.0 100.0 G E 1001 94.7 84.7 97.1 100.0 100.0 . 6 84.7 84.7 96.8 96.8 99.7 100.0 100.0 100.7 100.0 100.0 . 6 96.8 96.8 97.1 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY  $O_{B}S_{E}RValions$ 

PERIOD OF RECORD: 78-87

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

MONTH: JUL HOURSILSTI: 0300-0506 VISIBILITY IN STATUTE MILES CEILING GE 5 GE 4 GE GE 3 2 1/2 GE GE GE 2 1 1/2 1 1/4 GF GE IN | GE FEET | 10 €£ ני ט GE 174 30 5/16 6 3/4 5/8 1/2 NO CEIL I 37.3 47.5 47.5 47.5 G £ 200001 38.9 39.3 39.3 39.3 48.8 48.8 48.8 50.5 50.8 50.8 51.5 51.8 51.8 51.8 51.8 51.8 GE 160001 • 3 38.9 39.3 39 • 3 39.3 48.8 48.8 48.8 48.8 50.5 50.8 57.8 57.8 50.8 51.5 51.5 51.8 51.8 c 1 • 8 38.9 39.3 48.8 50.5 50.8 . 3 30.3 39.3 48.8 51.8 51.8 50.8 GE 140001 48.8 50.5 50.8 39.3 39.3 57.4 51.8 51.8 GE 120001 . 3 38.9 39.3 48.8 48.8 48. B 50.5 50.8 50.8 51.5 51.3 61.7 GE innoal . 3 48.6 49.2 49.2 49.2 61.4 61.4 64.0 64.4 64.4 64.4 65.0 65.3 65.3 65.3 65.3 65.3 64.0 64.4 65.0 48.8 49.2 49.2 49.2 61.4 61.4 61.7 64.4 90001 • 3 65.3 65.3 65.3 65.3 65.3 65.3 49.2 49.2 49.2 GE 80001 48.8 61.4 61.4 61.7 64.4 64.4 64.4 65.3 64.4 64.4 65.D 70001 48.8 64.0 GE . 3 61.4 61.4 61.4 61.7 64.4 60001 . 3 49.2 49.2 49.2 64.4 64.4 65.3 65.7 5 0 • 2 5 0 • 8 65.7 G F 5000 | 4500 | 62.7 63.0 65.3 65.7 66.3 49.8 50.2 50.2 62.1 66.7 66•7 67•7 50.5 63.7 66.7 . 3 50.8 63.7 64.0 66.3 66.7 66.7 € 7.7 GΕ 50 .A 52.8 53.1 GE 40001 52.5 52.8 52.8 65.7 66.0 68.3 68.6 60.6 68.6 69.3 69.6 69.6 64.6 65 - 7 35 001 53.1 66.0 68.6 69.0 69.0 69.6 70.0 70.0 G F . 3 52.8 53.1 66.0 66.3 69.C 70.0 53.8 70.0 66.7 6 E 66.7 80.5 8ე.5 8g.9 83.2 23.5 A 1.5 e 3.5 94.2 84.5 25 ag l 66.3 .7 P6.8 GE 10002 68.0 68.3 68.3 68.3 68.6 82.8 82.8 83.2 85.5 95.B 85.8 85.B 86.5 86.8 19001 . 7 68.3 68.6 n6.1 86.1 A6.1 86.B 87.1 F7.1 68.6 83.2 83.2 83.5 85 . 8 85.1 91.7 87.5 15001 . 7 1.04 69.6 69.6 69.6 84.8 87.8 87.8 88.4 88.8 88.8 88.8 74.6 95.4 91.4 95.4 12001 74.3 74.6 01.4 74.4 94.4 75.0 95.4 10001 74.9 74 . 9 74.9 92.4 92.4 92.7 95.4 96.0 96.4 96.4 95.4 96.4 96.4 96.7 G E 9001 74.6 74,9 74.9 74.9 92.4 92.4 92.7 95.0 95.4 95.4 96.0 96.4 92.7 9 . . 7 G E P C G I . 7 74.6 74.9 74.9 74.9 92.7 93.1 95.4 95.7 96.4 96.7 75.2 97.7 97.7 97.7 7001 74.9 93.7 96.7 26.7 υE 6001 . 7 75.2 75.6 75 . 6 75.0 24.1 94.1 94.4 96.7 97.C 97.0 97.0 97.1 98.0 98.0 98.0 . 7 99.0 99.0 G.F 5601 75.6 75.9 75.9 75.9 04.4 94.4 94.7 97.0 97.4 97.7 98.0 28.7 99.0 76.6 95.0 98.7 99.3 99.7 99.7 99.7 4001 . 7 76.2 76.6 76.6 95.0 95.4 97.7 98.0 99.3 GΕ 16.6 1001 . 7 76.6 16.6 95.0 95.4 97.7 0 . A P 99,1 98.7 99.7 99.7 99.7 95.4 95.4 95.7 100.0 6 E 2001 16.2 76.6 76 . 6 76.6 98.0 98.3 98.7 99.0 90.7 100.0 100.0 1001 76.6 99.0 100.0 76.6 76.6 100.0 100.0 76.2 76.6 6 E 0.1 16.2 76.6 76.6 95.4 95.7 98.0 98.3 98.7 99.0 99.7 95.4 120.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC

#### PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

PERIOD OF PECORD: 78-8" STATION NUMBER: 26063C STATION NAME: LENINGRAD USSR MCNTP: JUL HOURS(LST): U6UD-08CC VISIBILITY IN STATUTE MILES CEILING GE IN | GE FEET | 10 GE GE 1 GE 5 GE GE GE 2 1 1/2 1 1/4 Gi G F 6€ 1/2 GE - GE 5716 6 3 2 1/2 1,4 5/8 1/4 NO CEIL I . 7 37.7 33.7 30.7 30.7 38.0 38 . 3 38.3 38.7 38.7 38.7 38.7 39.0 19.0 39.7 40.0 GE 200001 32.3 32.3 40.3 40.7 40.7 41.0 41.0 41.7 41.0 41.3 41.3 32 · 3 32 · 3 32.3 32.3 32.3 32.3 32.3 41.7 41.0 42.0 GE 18000| . 7 40.3 40.7 40.7 41.0 41.3 41.3 40.3 40.3 40.7 40.7 41.0 41.0 41.3 41.3 42.0 GE 160001 . 7 41.0 140001 40.3 40 . 7 40.7 41.0 41.0 41.0 41.3 41.3 42.0 42.3 6E 120001 46.3 40 . 7 40.7 41.0 41.C 41.0 GE 100001 1.0 41.3 41.3 41.3 41.3 54.7 54.7 56.7 56.7 c, 7 . 0 51.7 € 8 . C 54.3 56 - 7 56 . 7 56 . 7 54.7 56.7 56.7 56.7 57.3 57.3 57.J 57.J 57.7 57.7 58.J 90001 1.0 41.3 41.3 41.3 41.3 G.F 80001 1.0 41.3 41.3 41.3 41.3 54.3 54.7 54.7 56.7 56.7 56.7 56.7 58.0 56.7 70001 54.7 56.7 41.3 56 . 7 6 E 1.0 41.3 41.3 54.3 56.7 60001 56 . 7 57.0 57.0 57.7 57.7 GE 50001 1.0 41.7 41.7 41.7 41.7 55.0 55.3 55.3 57.7 57.7 59.0 58.0 50.7 59.0 55.3 57.7 57.7 57.7 57.7 SA.J 59.0 45001 1.0 41.7 45.3 41.7 45.3 41.7 41.7 55.0 55.3 GE 45.3 62.3 63.0 40001 45.3 59.0 59.3 59.3 62.0 62 • C 62.9 62.0 62.3 63.1 62.7 63.3 59.7 62.3 62.3 63.7 35001 1.0 45.3 45.3 45.3 59.0 59.7 62.3 62.3 60.7 64.0 A1.3 62.0 77.7 78.3 78.3 81.0 81.0 81.0 91.3 2500 ( 79.7 79.7 82.3 82.7 83.3 83.7 GE 20001 1.3 63.3 63.3 63.3 63.3 79.0 82.3 82.3 92.3 81.0 83.3 яч.0 18001 63.7 80.3 83.0 93.D 83.0 63.7 79.7 80.3 GF 1.3 63.7 63.7 85.0 10001 65.3 65 . 3 65.3 82.3 85.0 85.0 85.3 A5.3 86.9 92.9 86.3 91.0 91.0 91.0 91.3 12001 69.7 91.3 1.3 69.7 69.7 97.7 88.3 93.0 93.7 10001 1.3 69.0 89.7 90.0 92.7 92.7 GE 70.3 70.3 70.3 70.7 10.3 GE 9001 1.3 70.7 70.7 70.7 90.3 90.7 93.7 93.7 97.7 93.7 94.3 94.0 94.7 95.0 99.7 91.0 94.0 94.0 94.3 94.3 95.0 95.3 70.7 90.0 90.7 91.3 94.0 G E G F 8001 1.3 79.7 70 - 7 70.7 94.0 7 UC | 95.7 G F 6001 1.3 72.0 72.0 72.0 91.3 92.0 92.3 95.3 95.3 95.3 95.7 95.7 96.3 96.7 12.0 97.0 97.3 GE 5001 1.3 93.0 96.0 96.9 96.0 96.3 72.0 72.0 12.0 92.0 92.7 96.0 96.3 4001 1.3 72.3 72.3 72.3 72.3 93.3 94 • 0 94.3 97.3 47.3 97.3 97.3 97.7 99.7 2001 1.3 72.3 12.3 12.3 72 • 3 72 • 3 72.3 93.3 94.0 94.3 97.3 97.3 97.3 07.5 97.7 97.7 98.7 99.3 97.3 2001 94.0 97.3 97.7 99.7 72.3 93.3 98.7 72.3 97.3 97.3 98.0 1001 97.3 97.3 99.0 100.0 GΕ 01 1.3 72.3 72.3 72.3 9 3 . 3 97.3 97.3 97.3 97.3 97.7 98.0 99.0 100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC

#### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VIASUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87

HOURS(LST): 0960-1100

99.7 100.0 100.0 100.0 100.0 100.0

HUL :HINOM

AIR WEATHER SERVICE/MAC

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

EILING VISIBILITY IN STATUTE MILES GE GE GE 4 3 2 1/2 GE. r. E 6. GE GE GE 2 1 1/2 1 1/4 IN I GE FEET I 10 5/8 1/2 NO CETE 1 2.4 37.4 37.4 19.7 13.1 19.7 37.4 37.4 39.7 39.7 10.7 19.7 19.7 19.7 74.7 GE 200001 2.7 41.4 41.4 41.4 41.4 43.8 44.1 44.1 44.1 44.1 44.1 44.1 44.1 44.1 GE 180001 2.7 41.4 41.4 41.4 41.4 43.8 44.1 44.1 44.1 44.1 44.1 44 - 1 44.1 44.1 44.1 44.1 41.4 41.4 44.1 44.1 44.1 GE 160001 41.4 41.4 43.8 44.1 44.1 2.7 44.1 GE 140001 41.4 4 3 A 44.1 44.1 44.1 44.1 44.1 44.1 44.1 44.1 44.1 GF 120001 43,8 44.1 44.1 60.3 60.3 60.3 GE 100001 4.0 53.2 53.2 53.2 53.2 59.6 59.9 59.9 60.3 60.3 60.3 40.3 45.3 60.3 59.9 59.9 60.3 60.3 GE 90001 4.0 53.2 53.2 53.2 53.2 59.6 59.9 6D.3 FD.3 60.3 60.3 60.3 80001 53.2 53.2 53.2 59.6 59.9 60.3 €0.3 GE 4.0 53.2 53.2 60.3 60.3 60.3 70001 60.3 4.0 60.3 GE 60001 53.2 53.2 53.2 59.9 60.3 60.3 60.3 60.3 GE 50001 54.2 54.2 54.2 54.2 60.9 60.9 61.3 61.3 61.3 £1.3 4.0 60.6 01.3 61.3 61.3 61.6 41.3 45001 54.5 54.5 60.9 61.3 4.0 54.5 54.5 61.3 61.6 61.6 61.6 61.6 61.6 (1.6 64.3 64.3 65.7 57.6 57.6 57.6 57.6 57.6 57.6 GE 40001 4.0 57.6 64. D 64.3 64.6 64 • 6 64.6 64.6 64.6 54.6 64.6 64.6 35 co l 4.C 57.6 64.0 64.6 64.6 64.6 64.6 64.6 GE 64.6 64 . 6 64.0 64.3 65.7 30001 4.0 GE 25001 70.4 70.4 70 . 4 70.4 77.4 77.8 77.8 78.1 78.1 7F.1 7 P . 1 78.1 78.1 78.1 7 E • 1 20001 4.7 81.8 82.2 82.2 B 2 . 2 A2.2 82.2 P2.2 82.2 GΕ 74.4 74.4 74 . 4 74.4 81.5 81.8 82.2 GE 1800 5.1 76.1 76.1 76 • 1 77 • 8 76.1 83.5 83.8 83.8 84.2 84.2 84.2 84.2 84.2 15001 5.1 77.8 77.8 77.8 B 7 - 2 87.5 87.5 93.9 87,9 87.9 87.9 94.3 P7.9 87.9 F7.9 67.9 67.9 12001 5.1 92.8 94.3 94.3 94.3 10001 A 3.5 95.6 96.0 96.3 96.3 66.3 83.5 96.3 GE 9001 5.1 83.8 83.8 83.8 83.8 96.6 97.0 97.0 97.3 97.3 97.3 97.3 97.3 27.3 97.3 97.3 G E G E 83.8 83.8 84.5 97.0 97.3 97.3 97.3 97.3 97.3 8001 5.1 93.8 83.8 96.6 97.0 97.3 97.3 7001 98 • 3 98 • 7 98.3 G E 84.5 6001 5.1 84.5 84.5 98.0 98.3 98.7 28.7 Gξ 5001 5.1 84.5 84.5 99.3 84.5 84.5 98.3 98.7 98.7 99.3 99.3 99.3 29.3 99.3 99.3 GE 4001 5.1 94.5 84.5 84.5 98.3 9R.7 98.7 99.3 99.3 99.7 100.0 100.0 100.0 100.0 100.0 100.0 84.5 84.5 98.7 98.7 98.7 99.3 99.7 3001 5.1 84.5 84.5 84.5 98.3 99.3 100.0 100.0 100.0 100.0 2001 5.1 84.5 98.3 100.0 100.0 100.0 100.0 100.0 99.3 G F 1001 84.5 98.3 98.7 98.7 99.3 99.7 100.0

TOTAL NUMBER OF OBSERVATIONS: 29

84.5

84.5

84.5

84.5

98.3

98.7

98.7

99.3

99.3

91 5.1

G€

## PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VEHSUS VISIPILITY FROM HOURLY OBSERVATIONS

ST	N NOITE	L'MRER:	260630	STATI	ON NAME:	LENI	NGRAD US	SSR				PE C I C D	OF FEC	ORD: 73	-87		
												MONTH	: JUL	POURS	(LST):	1200-14	EC
		• • • • •	• • • • • • •	• • • • •	• • • • • • • •	• • • • • •							• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • • • • • •
	LING									IN STAT		ES GE	Gf	GE	űE	GE	
	N I	5E 10	GE	GE 5	G E 4	GE ,	6E 2 1/2	e E	GE 1 1/2	GE	GE 1	1/4	5/8	1/2	1/16	1/4	GE O
-											_						
• • • •	••••									••••							
N O	CEIL I	6.0	36.0	36.0	36 • 0	36.0	37.D	37.0	37.0	37.0	₹7.0	37 • D	37.0	37.0	37.0	37.0	37.0
GΕ	200001	5.7	39.7	39.7	39 • 1	39.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
GE	180001	6.7	39.7	39.7	39.7	39.7	40.7	40 • 7	43.7	40.7	40.7	47.7	40.7	40.7	43.7	40.7	46.7
GE	160001	6.7	39.7	39.7	39.7	39.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	4 .7 . 7	46.7
GE	140001	6.7	39.7	39.7	39 . 7	39.7	4 C • 7	40.7	40.7	40.7	40.7	47.7	40 . 7	49.7	40.7	43.7	40.7
G€	120001	6 • 7	39.7	39.7	39 • 7	39.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	u j. 7
G E	100001	7.7	50.3	50.3	50.3	50 • 3	52 • D	52.0	52.0	52.0	52.0	52.3	52.0	52.0	52.0	52.0	50
GE	90001	7 - 7	50.3	50.3	50.3	50.3	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52 • B	52.0	52.3
G E	10008	7.7	50.3	50.5	50.3	50.3	52.0	52.0	52.C	52.0	52 · C	57.0	2.0	52.0	5.7.0	52.0	52.0
GΕ	70001	7 . 7	50.3	50.3	50.3	50.3	52.0	52.0	52.0	52.0	52.0	57.0	52.0	52.0	52.0	52.0	54.0
GE	60001	7.7	50+3	50.3	50 • 3	50.3	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.3	52.0	52.0	5∃
G E	5000 l	8.0	50.7	50.7	50.7	50.7	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GΕ	45001	8.0	50.7	50.7	50.7	50.7	52.7	52.7	52.7	52.7	52 • 7	52.7	52.7	52.7	52.7	52.7	r 2 • 1
GΕ	40001	a . 7	55.7	55.7	55.7	55.7	58.0	58.0	58.0	58.0	58 • C	54.0	58.0	58.0	r. 8 • 0	59.0	50.0
GΕ	3,001	9.0	56.3	56.3	56 • 3	56 • 3	58.7	58.7	58.7	58.7	58.7	5 A . 7	58.7	58.7	58.7	59.7	c e . 7
GE	30001	13.0	61.3	61.3	61.3	61.3	63.7	63.7	63.7	63.7	63.7	6 7 . 7	63.7	63.7	63.7	63.7	63.7
G E	25001	10.0	78.7	78.7	78.7	78.7	81.0	81.0	81.0	81.0	91.0	81.0	81.0	81.0	°1.0	81.0	81.3
υE	20001	13.3	92.7	82.7	82.7	82.7	P5.3	85.3	85.3	85.3	85.3	85.3	95.3	85.3	25.3	85.3	P5.3
GΕ	18601	10.3	84.0	84.0	84.0	84.0	A 7 . L	87.0	87.C	87.0	87.0	87.7	97.3	87.0	87.0	87.0	P7.0
GF	15001	17.3	P6.7	86.7	86.7	86.7	90.7	90.7	90.7	90.7	°0.7	90.7	90.7	90.7	90.7	97.7	90.1
G E	12001	10.3	91.3	91.3	91.3	91.3	96.7	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE	1000]	10.5	92.0	92.3	92.0	92.0	98.D	98.0	98.0	98.3	98.3	96.7	99.3	98.3	96.3	99.3	98.3
υE	3001	10.3	92.C	92.0	92.0	92.U	98.3	98.3	98.3	98.7	98.7	94.7	98.7	₹8.7	98.7	99.7	98.7
ij₽.		10.3	92.3	92.3	92.3	92.3	99.0	99.0	99.0	99.3	99.3	42.1	24.3	99.3	99.3	97.3	99.3
GF		10.3	92.3	92.3	92.3	92.3	99.3	99.3	99.3	99.7	99.7	99.7	79.7	77.7	24.7	99.7	99.7
GE	600]	10.3	92.3	92.3	92.3	92.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.7	100.0	100.0
51	5001	13.3	92.3	92.3	92.3	92.3	99.7	99.7	99.7	100.0	100.0	107.0	100.0	100.0	100.0	107.0	100.0
6 E		1 ^ . ₹	92.3	92.3	92.3	92.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.3
G.E		10.3	92.3	92.3	92.3	92.3	99.7	99.7	99.7	100.0	100.0	Igr•1	1ma.a	130.3	100.3	100.0	100.0
6 E		10+3	92.3	92.3	92.3	92.3	99.7	99.7	99.7	100.0	100.0	107.7	100.0	100.0	100.0	100.0	100.0
GF	1001	19.3	92.3	92.3	92.3	92.3	99.7	99.7	99.7	100.0	100.0	100.0	170.0	100.0	100.0	100.0	100.3
G F	01	10.3	22.3	92.3	92.3	92.3	94.7	99.7	99.7	109.0	100.0	100.0	1,10.0	100.0	100.0	100.0	100.0

AIR WEATHER SERVICE/MAC

#### GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CHILING VEHSUS VISITED LIV FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PROJECT OF SECURET TRAFAT MONTH: DOL HOURS (EST): 1900-1700 IN | GE FEET | 1: NO CETE 1 5.9 30.9 33.9 . . . . .... 17.5 10.9 30.9 30.3 37.3 30.3 30.3 30.0 10.9 20.0 10.9 ::.. ::.. , t. . 33.2 11.9 33.7 11.9 11.5 33.7 ٠,,, GE 200001 33.2 33.2 33.2 33.9 33.9 13.4 17.4 51.0 33.9 ... 11.9 13.9 GE 180001 6.9 33.2 33.9 33.2 33.2 33.2 33.2 33.2 33.9 33.9 eE 160001 6.9 33.2 33.2 33.2 33.9 33.9 33.9 11. 11.9 13.9 33.4 51.5 33.9 33.9 GE 14mon1 6.9 33.2 33.2 33.9 33.9 13.9 33.9 33.9 GE 120001 13.. \*\*.7 13.4 33.2 47.7 47.7 47.7 GE 100JC[ 46.7 46.7 46 . 7 46.7 47.7 G E 10008 9.6 46.7 46.7 46.7 47.7 47.7 47.7 47.7 47.7 4 . . . 41.1 47.7 47.7 47.7 46 • 7 47.7 47.7 47.7 8.6 46.7 46.7 46 . 7 46.7 47.7 47.7 7000 i 46.7 47.7 60001 P . 6 46.7 46.7 46 . 7 46.7 47.7 47.7 47.7 47.7 47.7 47.7 50001 9.5 49.3 49.3 49.3 50.3 50.3 t. :: . : 45. t 63.3 49.3 50.3 50.3 50.3 90.3 1.6 1.2 (n.) 50.7 56.3 57.9 51.6 59.0 67.8 51.5 57.2 5 t . 6 G F 45.001 9.9 53.7 57.7 50.7 1.6 · 1 . · 51.6 51.6 51.6 51.6 51.3 ٠1.. 6 E 6 F 4000| 10.2 3900| 10.2 56.3 57.2 58.9 57.2 57.2 58.7 57.2 FB.9 56.3 56.3 ... 54.7 G F 30001 11.2 61.5 61.5 61.5 61.5 62.8 62.8 62.8 . . . . 60.0 12.5 85.7 80.0 25001 11.5 85.2 85.2 95.0 F 4. 6.5 83.6 83.6 87.8 85.2 95.2 A3.6 83.6 85.2 85.2 - 0 0 87.8 87.8 99.5 49.5 37.5 09.5 49. 20001 11.5 89.5 90.5 89.5 90.5 89.5 ij₽. 87.8 89.5 90.5 18001 11.8 29.8 88.8 88.8 88.8 90.5 70.5 99.5 99.5 99.5 1,50 93.5 89.5 89.5 91.4 1500[ 11.8 91.4 91.4 91.4 91.4 91.4 41.4 6 5 GF 10001 11.8 25.4 95.4 95.4 95.4 99.0 99.0 99.0 99.5 29.5 99.3 99.3 99.3 32.1 19.4 6 F 95.4 95.4 95.4 95.4 95.4 99.3 99.3 99.3 99.7 99.7 99.7 90nl 11.8 25.4 99.7 99.7 99.7 97.7 49.7 AUD | 11.8 95.4 99.1 \$4.1 22.7 99.7 99.7 6.5 7001 95.7 95.7 95 . 1 99.7 99.7 99.7 100.0 100.0 160.3 100.3 G F 6001 95 . 7 95.7 99.7 99. 100.0 100.0 100.3 107.0 < 00 | 11.8 95.7 95.7 95.7 95.7 99.7 100.0 100.0 130. 99.7 100.0 100.3 100.0 G E 99.7 100 · J 190.a 100.a 4001 11.8 95.7 95.7 95.7 95.7 95.7 99.7 99.7 99.1 100.0 100.3 100.0 100.0 106.6 100.0 \*60| 11.8 207| 11.8 99.7 100.0 100.0 100.0 G E 95.7 95.7 95.7 99. 7 99.7 100.7 100.0 100.0 100.0 100.0 95.7 95.7 100.0 100.0 130.0 39.7 100.0 120.0 100.0 G F 1001 11.8 95.7 99.7 99.7 100.0 100.1 01 11.8 95.7 95.7 95.7 99.7 75.7 99.7 99.7 100.0 100.0 100.0 100.0 100.0 100.0 1,0.0 100.0

GLOBAL CLIMATCLOGY BRANCH USAFETAC

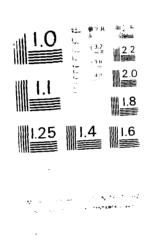
#### PERCENTAGE FREQUENCY OF OCCURRENCE OF CELLING VERSUS VISIBILITY FROM HOURLY CHSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR PERIOD OF PECORD: 78-87 MONTH: JUL HOURS(LST): 1800-2010 VISIBILITY IN STATUTE MILES GE GF GE GE CEILING GE GE GE 4 3 2 1/2 GE 10 GE GF GE 2 1 1/2 1 1/4 5€ 1 GE FEET ! 5/8 (/16 1/4 1/2 NO CETE 1 7.0 39.1 39.1 39.1 39.1 39.1 79.1 39.1 19.1 39.8 38 . 8 38,8 39.1 39.1 39.1 43.1 GE 200601 8 . C 47.6 42.8 42.8 42.8 4 5. 1 43.1 43,1 4 7 . 1 93.1 43.1 43.1 4 . 1 41.1 43.1 43.1 43.1 4 7 . 1 43.1 42.8 42.8 42.8 42.8 43.1 GE 160001 GE 160001 a. 0 42.8 43.1 43.1 43.1 43.1 42.1 42.8 4 5. 1 8 • D 43.1 47.1 4 1 1 42.8 42.8 42.8 GE 140001 42.F 43.1 42.3 42.8 43.1 43.1 43.1 43.1 43.1 43.1 GE 100001 11.4 57.5 57.5 57.9 59.9 50.0 59.9 59.9 59.9 50.9 ¢9.9 5,0.9 rq.5 9000 11.4 8000 11.4 57.5 57.5 57.9 57.9 59.9 59.9 59.9 59.9 59.9 59.9 G F 57.9 55.9 59.9 50.9 59.3 59.9 e9.4 ٠,: 50.9 69.9 59.9 10.0 υE 57.9 57.9 59.9 59.9 . . . . 70001 11.4 6. 7 . E 50.0 40.0 £9.9 59.9 60601 11.4 8 2 . 4 59.9 59.7 59.9 50.0 50.0 40.0 40.5 69.5 63.5 60.5 60.5 (, **f** 50001 12.0 99. 58.2 58.5 60.5 58 • 5 60.5 1 . . . 4500| 12.0 4700| 12.4 3500| 13.0 58.9 63.5 64.5 61.2 66.2 67.2 54.9 59 + 2 59.2 63.9 64.9 61.2 61.2 61.2 61.2 61.2 £1.2 11.3 61.2 66.2 67.2 1. \$ 63.5 66.2 66.2 67.2 66.2 6.1. . . 6.7 . . 66.7 67.2 ... 69.6 1000 17.4 66.9 66.4 67.2 69.6 69.6 69.6 59.6 69.1 64. 250 1 14.0 47 1 87.3 39.6 87.0 87.6 90.0 90.0 90.0 40.0 90.0 90.1 90.0 27. 1 (, 1 7 uni 14.0 90.0 97.6 01.1 94.1 57.6 92.6 42.6 90.0 93.3 92.6 92.6 92.5 +2+6 = + , + +4+ \* . • 19031 19.0 10031 19.0 93.3 9 t . t 93.1 9:.1 97.6 93.3 93.3 94. 41.0 91.1 91.3 91.3 94.3 94.3 94. 3 99.7 90.7 90.7 100.7 17.34 14.0 9...1 14.0 9...1 14.0 1001 14.0 · · · · 94.€ 99.7 99.7 99.7 99.7 99.7 91.7 95.0 99.7 79.7 100.0 95.U 95.5 95.3 95.0 99.7 99.7 99.7 99.7 74.6 74.1 99. 7 57.3 ... 94.6 95.0 99.7 94.6 95.0 95.6 95.7 100.0 100.0 190.0 100.0 95.0 49.3 100.0 100.0 100.0 100.0 \* .01 14.7 4071 14.7 4001 14.7 95.0 95.0 95.3 95.3 170.0 120.0 100.0 170.0 100.0 100.0 100.0 100.0 120.0 120.3 120.3 1 24.0 95.6 95.3 95.3 100.0 100.0 25. 45.4 170.0 100.0 100.0 107.7 7171 14.0 1001 14.0 95. 95.6 95.5 95.3 170.0 100.0 100.0 130.0 n| 14.0 oc.9 oc.9 95.5 95.7 170.0 100.0 170.0 188.0 100.

TOTAL NUMBER OF GREENWATTONS: 270

AD-A190 357 3/3 UNCLASSIFIED



#### PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR PERIOD OF RECORD: 78-87 MONTH: JUL HOURS(LST): 2100-2300 VISIBILITY IN STATUTE MILES CEILING GE GE GE 2 1 1/2 1 1/4 G5 E GE 5 GE GE 3 2 1/2 G€ 1 . 61 GŁ G.E GE FEET I 3/4 5/16 1/4 5/8 Ü 1/2 10 NO CEIL | 6.0 45.0 45.3 45.3 45.3 46.3 46.3 46.3 46.3 46.3 46.3 49.0 GE 200001 7.3 GE 180001 7.3 49.0 50.7 51.0 11.0 49.3 49.3 50.7 50.7 50.7 50.7 57.7 50.7 51.0 51.0 c 1 . 3 7.3 7.3 51 • 3 51 • 3 49.3 49.3 49.7 49.7 51.0 51.0 51.0 51.0 51.0 51.0 51.0 51.3 51.3 GE 160001 49.3 49.7 49.7 51.0 51.0 51.0 51.0 51.0 51.3 41.3 1.3 49.3 51.0 51.3 GE 140001 7.3 49.7 49.7 51.0 51.0 51.0 51.0 51.7 51.0 51.3 51.3 51.0 GE 120 pol 7.3 51.0 51.0 51.0 51.0 51.0 67.0 GE 100001 9.0 67.3 70.7 70.7 70.7 70.7 70.7 70.7 70.7 70.7 70.7 71.0 71.0 9.0 67.0 67.0 70.7 70.7 70.7 70.7 70.7 70.7 70.7 71.0 71.0 71.0 71.0 71.0 9000l 67.3 67.3 70.7 70.7 71.0 67.3 GE 67.3 67.3 70.7 70.7 71.5 72.7 70001 9.0 67.0 70.7 70.7 70.7 10.7 70.7 GE 60001 9.0 67.0 67.3 70.7 70.7 70.7 70.7 12.1 70.7 71.0 71.. 72.0 72.5 77.0 75.3 GE 50001 45001 68.3 72. D 72.0 72.0 72.0 72.9 72.3 9 • 3 9 • 3 68.0 68.0 68.3 72.0 68.3 68.3 72.7 72.7 72.7 7,.0 68.7 68.7 75.0 75.0 75.7 71.0 71.0 75.0 75.0 75.3 GE 42001 9.3 70.7 71.0 75.0 75.0 75.0 75.0 75.0 75.3 70.7 75.3 9.3 70.7 71.0 75.0 75.0 75.3 35 0 n l 75 . C GΕ 75.0 75.0 30001 9.3 71.3 76.0 76.0 71500 9.3 GE 250nl 83.3 83.7 83.7 88.3 88 . 3 88.3 89.3 88.3 89.3 88.3 88.7 98.7 AR. 7 AH . 7 70.7 90.7 GE Zouol 85.0 85.0 85.0 85.3 85.3 85•3 85•3 90.3 90.3 90.3 90.3 90.3 90.3 97.3 90.1 90.3 90.7 18001 9.3 90.3 90.3 90.3 90.3 99.7 90.7 90.7 90.7 91.0 97.7 91.0 91.0 97.7 15001 9.7 95.3 85.3 85.7 85.7 91.0 91.0 91.3 91.3 91. 91.3 91.0 12001 10001 98.3 98.3 98.7 94.7 91.7 91.7 98.0 98.0 98.0 98.3 98.3 91.3 91.7 91.7 91.7 98.D 98.3 98 • 0 98 • 3 98 • 0 98 • 3 98.3 98.7 98.3 98.7 99.0 GE 9001 9.7 91.3 98.3 98.3 98.7 98.7 98.7 800 L 9.7 91.3 99.0 99.0 99.6 98.7 98.7 G F. 98.3 7001 91.3 98.3 98.7 99.0 99.0 99.0 99.7 GE 6nn l 9.7 91.7 91.7 92.0 92.0 98.7 98.7 98.7 99.0 99.3 99.3 79.7 94.7 G F 5001 91.7 91.7 92.0 78.7 99.0 99.3 99.3 99.3 99.7 92.0 92.0 98.7 98.7 99.0 4001 9.7 91.7 91.7 92.0 98.7 98.7 99.3 99.1 99.3 99.7 99.7 99.7 99.7 GE 3001 9.7 91.7 91.7 92.0 92.0 98.7 98.7 98.7 99.3 99.3 99.3 99.7 99.7 99.7 39.7 130.0 2001 10.C 100.0 6 5 1001 10.0 92.0 92.0 92.3 92.3 99.0 99.0 99.0 99.7 99.7 99.7 130.0 100.0 100.0 100.0 GE ol 10.0 92.0 92.0 92.3 92.3 99. D 99.0 99.6 99.3 99.7 99.7 99.7 100.0 100.0 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS: 30

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## PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM FOURLY OBSERVATIONS

				_	ON NAME:							MONTH	: JUL		ILSTI:	ALL	
	LING		•••••	• • • • • •	• • • • • • •	• • • • • •				IN STAT			• • • • • • •	• • • • • • •	• • • • • • •		*
	N I	GE	G€	GE	GE	GE	GΕ	GE	GE	GΕ	GE	6.6	Gr	GE	GE	G E	G.F
	ET I	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5 / B	1/2	5/16	1/4	£
٠																	
N O	CEIL	3.5	36.9	36.9	37.0	37.0	40.1	40.1	40.1	40.5	40.5	47.5	40.5	40.6	40.6	40.7	40.5
G F	200001	4.1	39.9	39.9	39.9	39.9	43.3	43.4	43.4	43.8	43.8	43.9	43.8	44.0	44.0	44.1	44.2
	180001	4.1	39.9	39.9	40+0	40.0	43.4	43.5	43.5	43.8	43.9	43.9	43.9	44.0	44.1	44.2	44.7
	160001	4.1	39.9	39.9	4C.0	40.0	43.4	43.5	43.5	43.8	43.9	41.9	43.9	44.0	44.1	44.2	44.2
	140001	4.1	39.9	39.9	40.0	40.0	43.4	43.5	43.5	43.8	43.9	41.9	43.9	44.0	44.1	44.2	44.2
	122001	4.1	39.9	39.9	40.0	40.0	43.4	43.5	43.5	43.9	43.9	43.9	43.9	44.1	44.1	44.2	44.3
				• . • .						,,,,,	,,,,,		- •				
GF	100001	5 . 3	52.6	52.6	52.7	52.7	58.7	58.8	58.9	59.7	59.7	59.7	59.7	59.9	59.9	60.0	66.1
GF	90001	5.3	52.6	52.6	52.7	52.7	58.7	58.8	58.9	59.7	59.7	59.7	59.7	59.9	69.9	60.0	60.1
GE	8 ^ Q G [	5.3	52.6	52.6	52 • 7	52.7	58.7	58.8	58.9	59.7	59.7	59.7	59.7	59.9	5,9.9	€7.0	50.1
G F	7000	5.3	52.6	52.6	52.7	52.7	58.7	58 • 8	58.9	59.7	59.7	50.7	59.7	59.9	59.9	60.0	50.1
GE	10034	5.3	52.6	52.7	52.8	52.8	58.7	58.8	58.9	59.7	59 - 8	52.9	59.8	59.9	60.04	6n.1	60.1
G F	50001	5.6	53.8	53.9	54.0	54.0	60.1				61.1						61.5
6 £	4500	5.6	54.3	54.4	54 • 5	54.5	60.7	60.1 60.8	60 • 2 60 • 8	61.1 61.7	61.8	61.1 61.9	61.1 61.8	61.3 61.9	62.D	61.4 67.0	62.1
6.5	40001	5.8	57.8	57.9	57.9	57.9	64.3	64.4	64.5	65.4	65.4	65.4	65.4	65.6	65.6	65.7	62•1 65•7
6.5	35 an l	5.9	58.4	58.4	58.5	58.5	64.8	65.0		66.0	66.0	66.0	66.0	66.2	66.2	56.3	66.4
(, 5	3001	6.2	60.3	60.3	60.4	60.4	67.1	67.2	65.0 67.3	68.2	68.3	68.3	68.3	69.4	68.5	69.6	68.6
	, 001	0.2	00.0	0.0 • 2	60.4	00.4	0101	01.2	01+3	00.2	00.3	67+3	09.3	03.4	00.0	00.0	00.0
	25,,21	6.4	75.8	75.8	75.9	75.9	83.1	83.2	83.3	84.3	94.3	84.3	84.3	84.5	A4.5	84.6	84.7
4, 4	1ccns	6.6	78.5	78.6	78.6	78.6	86.1	86.3	86.4	87.3	A7.3	87.3	87.3	87.5	A7.6	87.6	F7.7
., +	19001	4.6	79.3	79.3	79.4	79.4	87. C	87.1	87.2	88.2	88.2	88.2	88.2	88.4	9.4	88.5	86.6
+, #	15001	6.7	90.3	80.4	80.5	80.5	88.7	88.8	98.9	89.9	99.9	80.9	89.9	90.1	90.1	90.2	9 C • 3
11 F	12001	6.7	55.4	85.4	85.5	85 • 5	95.1	95 • 2	95.3	96.3	96.4	96.4	96.4	96.5	96.6	96.6	96.7
1, 4	incal	6.7	95.7	85.8	85.9	85.9	95.9	96.1	96.2	97.3	97.3	97.3	97.3	97.5	97.5	97.6	97.6
f. \$	9001	6.7	85.8	85.9	85.9	85.9	96.2	96.4	96.5	97.6	97.6	97.6	97.6	97.8	97.8	97.9	98.0
1. #	Augl	6.7	A5.9	85.9	86.0	86 • C	96.5	96.6	96.7	97.8	97.9	97.9	97.9	98.1	98.1	98.2	98.2
٠,٠	7001	6.7	96.2	86.2	86.3	86.3	97. D	97.1	97.2	98.3	98.4	99.4	98.4	98.5	98.6	98.7	98.7
ti f	1001	6 . 7	86.4	86.4	86 • 5	86.5	97.2	97.3	97.5	98.6	98.8	98.8	98.8	98.9	99.0	99.0	99.1
(, F	5 an I	6.7	86.4	86.5	0	0						00 =					20 "
5.6	4 30 1	6.7	A6.6	86.6	86.6	86.6	97.4	97.6	91.1	98.9	99.0	99.7	99.1	99.3	99.3	99.4	99.4
G F	3001	5.7	96.6	86.6	86.7	86.7	97 <b>.7</b> 97.7	97.8 97.8	97.9	99.1	99.3	99.3	99.4	99.6	99.6	99.8	99.8
U.€		6.7			86.7				97.9	99.1	99.3	99.3	99.4	99.6	99.6	99.8	99.8
G E	2001 1001	6.7	96.6 86.6	85.6 86.6	86 • 7 86 • 7	86.7	97•8 97•8	97.9 97.9	98.0	99.2 99.2	99.3	99.4	99.5	99.7	99.7	99.8	100.0 100.0
٠.	10.71		00.0	20.0	40 • 1	00.7	71.0	71.7	98.0	77.2	44.3	99.4	44.5	99.7	99.8	99.9	1000
G.F	21	6.7	96.6	86.6	86.7	86.7	97.8	97.9	98.0	99.2	99.3	99.4	99.5	99.7	79.8	99.9	100.0

## PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

S TA	ITION NO	UMBER:	260630	STATI	ON NAME	: LENI	NGRAD U	SSR				PE P 1 0 0	OF REC	DPD: 78	-87		
		-										HCMIH			(LST):		
	IL ING	• • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •		BILITY				• • • • • • •	• • • • • • •	• • • • • •		• • • • • • • • • •
		GE	GE	GΕ	GE	GE	GE	GE	GE	GE	GE	. U.E	Gr	G.E	6.E	C.E	LF
	ET I	10	6	5	4		2 1/2		1 1/2		1	1/4	5/8	1/2	5/16	1/4	c
٠.,				• • • • • •	• • • • • •	• • • • • •				• • • • • • •				<i>.</i>			
N 0	CEIL		41.5	41.5	41.9	41.9	47.2	47.2	47.5	50.2	50.5	54.5	51.2	51.4	52.2	52.2	52.5
NU	((1)		41.3	41.5	41,7	41.9	47.2	47.2	47.5	50 • 2	כיטי	د ∙ا، و	71.7	21.7	74.62	36.06	54.5
GE	200001		42.5	42.5	42.9	42.9	48.2	48.2	48.5	51.2	41.5	51.5	52.2	52.9	53.2	51.2	53.6
GΕ	18000		42.5	42.5	42.9	42.9	48.2	48.2	48.5	51.2	51.5	51.5	52.2	52.8	53.2	53.2	53.5
GE	160001		42.5	42.5	42.9	42.9	48.2	48.2	48.5	51.2	51.5	51.5	52.2	52.4	* 3.2	53.2	53.5
GE	140001	• :	42.5	42.5	42.9	42.9	48.2	48.2	48.5	51.2	11.5	51.5	52.2	52.8	5.3.2	53.2	53.5
GΕ	120001		42.5	42.5	42.9	42.9	48.2	4º.2	48.5	51.2	t 1 • 5	51.5	52+2	52.A	53.2	53.2	· 3.5
G.F	100001		54.5	54.5	54.8	54.8	64.5	64.5	64.8	67.8	68.1	6.9 - 1	f 9 . A	f. 9 . 4	69.9	69.8	70.1
GE	90001		54.5	54.5	54.8	54.8	64.5	64.5	64.8	67.A	68.1	6" 1	48 H	69.4	69.8	59.A	76.1
GE	80001		54.5	54.5	54.8	54.8	64.5	64.5	64.8	67.A	68.1	6 P . 1	(8.5	69.4	69.8	69.8	75.1
GE	70001		54.5	54.5	54.8	54.8	64.5	64.5	64.8	67.8	68.1	69.1	68.8	69.4	69.9	4.7.8	70.1
G E	60001		54.8	54.8	55.1	55.1	64.8	64.8	65.1	68.1	68.4	60.4	69.1	69.8	70.1	7 0.1	70.4
<b>U</b>	- 001			3.40		,,,,,	00	J	03.1	08	06.4	0. •		J		• • • •	
GE	50001		56.1	56.1	56 • 5	56.5	66.4	66.4	66.8	69.8	70.1	77.1	7 G . A	71.4	71.8	71.8	7.0.1
GΕ	4000		56.8	56.8	57.1	57.1	67.1	67.1	67.4	70.4	70.8	7~.4	71.4	72.1	72.4	72.4	72.8
GE	40031		58.8	58.8	59.1	59.1	69.4	69.4	69.8	72.8	73.1	7 7 • 1	73.R	74.4	74.8	74.8	74.1
GE	35 ao 1		58.8	58.8	59.1	59.1	69.8	69.8	70.1	73.1	73.4	7 4 . 4	74.1	74.8	75.1	75.1	75.4
GΕ	30001		59.8	59.8	60.1	60.1	70.8	70.8	71.1	74.1	74 . 4	74.4	75.1	75.7	76.1	76 • 1	76.4
GE	25001		70.1	70.1	70.4	79.4	81.4	81.4	81.7	85.0	P5.4	85.4	F6.0	85.7	P 7 • 3	87.C	8 7 <b>.</b> 4
6 8	20001		71.8	71.8	72 • 1	72.1	e 3. 1	87.1	83.4	86.7	87.C	87.7	87.7	89.4	AB. 7	80.7	89.0
GΕ	19001		72.1	72.1	72.4	72.4	83.4	83.4	83.7	87.0	P7.4	87.4	A 8 . O	89.7	89.D	89.0	89.4
GE	15001		72.4	72.4	72.8	72.8	83.7	83.7	84.1	87.4	67.7	87.7	88.4	89.0	89.4	87.4	69.7
GF	12001		77.4	77.4	77.7	77.1	90.4	90.4	93.7	94.0	94.4	94.4	95.3	96.7	96.3	96.3	96.7
6 <b>E</b>	10001		77.4								24.5						
GE	9001		77.4	77.4 77.4	77•7 77•7	77.7	91.7 92.0	91.7	92.0 92.4	95.7 96.0	96.0 96.3	96.3 96.3	97.0	97.7 98.0	98.3 98.3	98.0 98.3	98.3
GE	9001		77.4	77.4	77.7	77.7	92.4	92.0 92.4	92.4	96.3	96.7	96.7	97.7	99.3	98.7	98.7	99.0
G E	7001		77.7	77.7	78.1	78.1	92.7							98.7	33.7	99.0	99.5
GE	6001		77.7	77.7	78 - 1	78.1	92.7	92.7 92.7	93.0 93.0	96.7 96.7	97.0 97.0	97.0 97.0	98.0 98.0	98.7	99.0	99.0	
υt	6001		11.1	11.1	78 • 1	/ 5 • 1	7201	42.1	4340	70.7	97.0	97.0	44.0	78.7	44.0	44.0	99.3
GE	5601		77.7	77.7	78.1	78.1	92.7	92.7	93.0	96 • 7	97.0	97.7	98.0	98.7	97.3	99.0	99.3
G E	4001		78.1	78.1	78.4	78.4	93.0	93.0	93.4	97.0	97.3	97.1	98.3	99.9	99.3	99.3	59.7
GΕ	3001		78.1	78.1	78.4	78.4	93.0	93.0	93.4	97.3	97.3	97.1	98.3	99.3	09.3	99.3	59.7
G E	2001		78.1	78.1	78 • 4	78.4	93.0	93.0	93.4	97.7	97.3	97.3	98.5	99.0	99.3	99.3	59.7
G E	1001		78.1	78.1	78 • 4	78.4	93.0	93.0	93.4	97.0	97.3	97.1	98.5	99.0	99.3	33.3	100.0
GE	01		78.1	78.1	78.4	78.4	93.0	93.0	93.4	97.0	97.3	97.3	94.3	99.7	99.3	99.3	100.0
						•								-			

## PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

					ON NAME:							MONTH	OF PEC	HOURS	(LST):	0300-0	5 0 0
		• • • • •	• • • • • •	• • • • • •	• • • • • • • •	• • • • •											· ·
	LING								BILITY								
	IN I	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	7, €	G٤	GE	GE	r, E	GΕ
_		10	ь	5	4	3			1 1/2		1	3/4	5/8	1/2	5/16	1/4	C
٠٠.		• • • • •	• • • • • •	• • • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •		• • • • • •	• • • • • • • • •
N 0	CEIL		39.9	39.9	39.9	39.9	46•8	46.8	46.8	48.8	50.2	5-1-2	51.2	51.2	£1.2	51.8	51.8
GE	100005		40.2	40.2	40.2	40.2	47.8	47.8	47.8	49.8	51.2	51.2	5.2.2	52.2	52.2	52.8	52.5
GE	180001		40.2	40.2	40.2	40.2	47.8	47.8	47.8	49.8	51,2	51.2	5.2.2	52.2	52.2	57.8	52.8
GE	160001		40.2	40.2	40.2	40.2	47.8	47.8	47.8	49.9	51.2	51.2	52.2	52.2	52.2	52.8	52.8
GE	140001		40.2	40.2	40.2	40.2	47.8	47.8	47.8	49.8	51.2	51.2	42.2	52.2	52.2	52.8	72.8
GE	120001		40.7	40.2	40 • 2	40.2	47.8	47.8	47.8	49.8	51.2	51.2	52.2	52.2	52.2	52.8	52.8
							. • -	.,				3 <b></b> .		76 11.		37.47	24.0
GΕ	100001		48.2	48.2	48 . 2	48.2	59.1	59.1	59.1	61.8	63.5	63.5	1.4.5	64.5	64.8	65.4	45.4
GE	90001		48.2	48.2	48 . 2	48.2	59.1	59.1	59.1	61.9	63.5	63.5	64.5	64.5	64.8	£ 5.4	45.4
GΕ	80001		48.2	48.2	48.2	48.2	59.1	59.1	59.1	61.9	63.5	67.4	64.5	54.5	64.3	65.4	65.4
GE	70001		48.2	48.2	48.2	48.2	5 9 . 1	59.1	59.1	61.8	63.5	6 7 . 5	44.5	64.5	64.8	64.4	15.4
GΕ	60 gg [		48.2	48.2	48.2	48.2	59.1	59.1	59.1	61.8	63.5	67.5	44.5	64.5	64.8	65.4	65.4
								-		0.00	,,,,,	•		0,			. ,
G E	50001		48.8	48.8	48 . 6	48.8	60.1	60.1	60.1	62.8	64.5	64.4	15.4	65.4	45.8	66.4	FF.4
6 E	45 oo l		49.5	49.5	49.5	49.5	60.8	60.8	60.8	63.5	55.1	65.1	66.1	66.1	46.4	67.1	f-7 - 1
G€	40001		52.8	52.8	52.8	52.8	64.1	64.1	64.1	67.1	68.8	60.9	59.8	69.4	70.1	77.8	7 Ü . A
GΕ	35 un l		53.2	53.2	53.2	53.2	64.5	64.5	64.5	67.8	69.4	65.4	70.4	70.4	70.8	71.4	71.4
G E	3000		53.2	5 3 • <i>2</i>	53.2	53.2	64.8	64 . B	64.8	68.1	69 . R	66.8	70.8	70.9	71.1	71.0	71.5
G E	25001		64.8	64.A	64.8	64.8	77.4	77.4	77.4	80.7	A 2 . 4	н 🖰 📲 4	91.4	93.4	83.7	84.4	F4.4
GE	10002		65.6	65.8	65 • 8	65.8	78.4	79.4	78.4	82.1	P3.7	8 7 . 7	94.7	84.7	45.0	85.7	85.7
G E.	18001		66.1	66.1	66 • 1	66.1	79.4	79.4	79.4	83.1	P4.7	A4.7	86.0	36.0	96.4	87.0	9.7.0
GE	1,001		67.1	67.1	67.1	67.1	8 C . 4	80.4	8 J. 4	84.1	P5.7	B 5 . 7	97.0	97.0	A 7 . 4	a 9 . g	H H • S
G E	12001		71.4	71.4	71.4	71.4	P6.0	86 • D	86. O	90.0	91.7	91.7	93.0	93.0	73.4	94.0	94.5
GΕ	10001		72.8		72.0												
GΕ	9001		72.8	72.6 72.8	72 • 8 72 • 8	72.8	88.7	89.7	88.7	92.7	94.4	34.4	95.7	95.7	96.D	34.7	96.7
GE	2001		72.8	72.8		72.8	89.0	89.0	89.0	93.n	94.7	94.7	36.0	96.0	96.3	97.0	97.0
GE	7001		73.1	73.1	72 • 8 73 • 1	72.8	89.7	89.7	89.7	93.7	95.3	95.3	96.7	96.7	97.0	97.7	97.7
G E	6001		73.1	73.1	73.1	73.1	90.0	90.0	90.0	94.4	96 • C	96.0	97.3	97.3	97.7	99.3	96.3
	6001		1341	13.1	13.1	/3.1	9 U• D	90.0	90.0	95.0	96.7	94.7	98.0	98.D	98.3	30.0	00°D
GΕ	5001		73.1	73.1	73.1	73.1	96.0	90.0	90.0	95.3	01.0	07.0	00.1				
G€	4601		73.1	73.1	73.1	73.1	90.4	90.7	90.7		97.0	97.0	98.3	98.3	98.7	99.3	99.3
GΕ	3001		73.1	73.1	73 - 1	73.1	90.4	90.7	90.7	96.0	97.7	97.7	99.0	99.0	99.3	100.0	100.0
GE	2001		73.1	73.1	73.1	73.1	70.4	90.7		96.0	97.7	97.7	99.0	99.0	99.3	100.0	100.0
GΕ	1001		73.1	73.1	73.1	73.1	90.4	90.7	90.7 90.7	96.0	97.7	97.7	99.0	99.0	99.3	100.0	100.0
-	,					, , , ,	70.4	70.7	74.7	96.0	97.7	97.7	93.0	99.0	99.3	100.0	160.0
E	01		7 5 • 1	73.1	73.1	73.1	90.4	90.7	90.7	96.0	97.7	97.7	99.0	99.0	99.3	130.0	100.0
• • •													-				*********
								• • •									

## PERCENTAGE FREQUENCY OF OCCUPRENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

					ON NAME:							MONTH		HOURS	(LSI):			
	LING	••••	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • •	•••••			IN STATE			• • • • • • •		• • • • • • •	• • • • • •	• • • • • • • •	•
FE	N   E1	GE OF	GE 6	G E 5	GF 4		6E 2 1/2	G E 2	GE 1 1/2	GE 1 1/4	GE 1	5 E 3 / 4	6 € 5 7 €	SE 1/2	GE 5/16	GE 1/4	GF O	
• • •		• • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	••••••	• • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • •	• •
N O	CEIL I	. 3	30.5	30.5	30.5	30.5	35.1	35 • 1	35.1	36.4	36 • 4	36.4	36.8	36.8	37.7	37.7	38.7	
G E	100005	. 3	33.4	33.4	33.4	33.4	38.7	38.7	38.7	40.1	40.1	46.1	40.4	43.4	41.4	41.4	42.4	
G E	10001	. 3	? 3 . 4	33.4	33.4	33.4	38.7	38 • 7	38.7	40.1	40.1	40.1	40.4	40.4	41.4	41.4	42.4	
6.5	160001	• 3	33.4	33.4	33 • 4	33.4	38.7	38.7	38.7	40.1	40.1	46.1	40.4	40.4	41.4	41.4	42.4	
GF	140001	• 3	33.4	33.4	33.4	33.4	38.7	38 • 7	38.7	40.1	4D • 1	40.1	40.4	40.4	41.4	41.4	47.4	
G E	120001	• 3	33.4	33.4	33.4	33,4	38.7	38 • 7	38.7	40.1	40.1	40.1	40.4	40.4	41.4	41.4	42.4	
6 F	100001	. 7	44.7	44.7	44.7	44.7	54.6	55.0	55.3	57.9	58 . 6	50.6	58.9	58.9	59.9	59.9	61.9	
G E	oC 001	. 7	44.7	44.7	44.7	44.7	54.6	55.0	55.3	57.9	58.6	59.6	58.9	59.9	59.9	59.9	60.4	
G F	80001	. 7	44.7	44.7	44 . 7	44.7	54.6	55.0	55.3	57.9	58.6	58.6	58.9	58.9	59.9	59.9	60.9	
GE	70001	. 7	44.7	44.7	44.7	44.7	54.6	55 • 0	55.3	57.9	58.6	58.6	58.9	58.9	59.9	59.9	60.9	
GF	60001	. 7	45.D	45.0	45.0	45.0	55.0	55.3	55.6	58.3	58 + 9	59.9	59.3	59.3	f g • 3	60.3	61.3	
5 f	50001	. 7	46.4	46.4	46.4	46.4	56.6	57.0	57.3	59.9	60.6	60.6	60.9	60.9	61.9	61.9	62.9	
G F	4 60	. 7	46.7	46.7	46 . 7	46 - 7	57.0	57.3	57.6	60.3	60.9	60.9	61.3	61.3	62.1	. 2 . 3	63.2	
6 E	40001	. 7	48.3	48.3	48.3	48.3	58.6	58.9	59.3	61.9	62.6	62.6	62.9	62.9	63.9	6.7.9	64.9	
6 F	35 00 1	. 7	48.7	48.7	48.7	48.7	58.9	59.3	59 • 6	62.3	62.9	67.9	63.2	63.2	64.2	64.2	65.2	
G E	30001	. 7	49.7	49.7	49.7	49.7	60.6	60.9	61.3	64.2	64.9	64.9	65.2	65.2	66.2	56.2	67.7	
											_							
6, F	25001	1.0	59.3	59.3	59 • 3	59.3	72.5	72.8	73.2	76.2	76 <b>.</b> 8	76.9	11.7	77.2	78.1	7 P • 1	79.1	
GE	50001	1.0	59.3	59.3	59 • 3	59.3	72.8	73.2	73.5	76.5	77.2	77.7	77.5	77.5	78.5	78.5	79.5	
υF	1800	1.0	59.3	59.3	59 • 3	59.3	72.8	73.2	73.5	76.5	77.2	77.2	77.5	77.5	78.5	78.5	79.5	
i E	15001	1.0	59.9	59.9	59.9	59.9	73.5	73.8	74.2	77.2	77 • 8	77.9	78.1	78.1	79.1	79.1	P ( . 1	
G F	17001	1.0	69.9	69.9	69.9	69.9	64.4	84.8	85.1	88.4	P9.1	89.1	89.4	89.4	90.4	90.4	c1.4	
6.8	10001	1.0	70.5	70.5	70.5	70.5	95.8	86.1	86.4	89.7	90.4	90.4	90.7	90.7	91.7	91.7	92.7	
ĢΕ	9 00 1	1.0	71.2	71.2	71.2	71.2	86+8	87.1	87.4	90.7	91.4	91.4	91.7	91.7	92.7	92.7	93.7	
GF	1004	1.0	71.2	71.2	71.2	71.2	86.8	87.1	87.4	90.7	91.4	91.4	91.7	91.7	92.7	92.7	93.7	
GE	703	1.0	71.2	71.2	71.2	71.2	87.7	88.1	88.4	92.7	93.4	91.4	93.7	93.7	94.7	94.7	95.7	
G E	6001	1.0	71.2	71.2	71 • 2	71.2	87.7	88.1	88.4	92.7	94.4	94.4	94.7	94.7	95 • 7	95.7	96.7	
6 E	5001	1.0	71.2	71.2	71.2	71.2	87.7	88.1	88.4	93.0	94.7	94.7	95.0	95.0	96.0	96.0	97.0	
GF	4301	1.0	71.2	71.2	71.2	71.2	88.4	89.1	89.4	94.0	95.7	95.7	96.G	96.0	97.0	97.0	98.0	
G E	3001	1.0	71.2	71.2	71.2	71.2	88.7	89.4	89.7	94.4	96.0	96.3	96.4	96.4	97.4	97.4	98.3	
GF	2001	1.0	71.2	71.2	71.2	71.2	88.7	89.4	89.7	94.4	96.0	96.0	96.7	96.7	97.7	97.7	99.0	
GΕ	1001	1.0	71.2	71.2	71 . 2	71.2	A8.7	89.4	89.7	94.4	96.0	96.0	96.7	96.7	0.89	98.0	100.0	
G F	cl	1.0	71.2	71.2	71.2	71.2	88. 7	80.4	89.7	94.4	96 • D	96.0	26.7	96.7	28.0	94.0	100.0	

P. "CENTAGE FREQUENCY OF OCCUPRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH USAFETAC A ID HEATHER SERVICESMAC

A IR WEATHER SERVICE/MAC

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR PERIOD OF RECORD: 78-87

MONTH: AUG HOURSILS

MONTH: AUG HOURS (LST): 0900-1100 CEILING VISIBILITY IN STATUTE MILES GE GE 3 2 1/2 G £ GE 6 GE 5 G E 4 GE GE GE 2 1 1/2 1 1/4 GE S.t GE GE 1/2 5/16 1/4 10 30.5 30.9 30.8 31.1 31.1 31.1 31.1 31.1 31.1 NO CEIL | 1.3 27.9 27.9 27.9 27.9 \*O. 2 30.2 15.7 35.7 35.7 35. . 7 35.7 35.7 31.8 31.8 31.8 34.8 35.4 GE 200001 1.3 31.8 34.4 34.4 35.4 35.7 35.7 35.7 35.7 35.7 34.8 35.4 GE 180001 1.3 31.8 31.8 31.6 31.8 34.4 34.4 35.4 35 · 7 35 · 7 GF 16COOL 35.4 35.7 35.7 15.7 35 • 7 35 • 7 34.8 35.4 35.7 31.8 35.7 31.8 31.8 35.4 35.7 GE 14COOL 11.8 31.8 11.A 14.4 14.4 34.8 GE 100001 45.2 45.2 45.2 45.2 51.1 51.5 51.8 53.4 53,4 53.8 53.8 53.8 2.6 53.8 51.9 51.9 51.8 61,4 45.2 45.2 45.2 53.8 53.8 53.8 G.F 90001 80001 2.6 45.2 45.2 45.2 51.1 51.5 51.5 51.8 51.8 53.4 53.4 53.4 53.8 53.8 53.8 53.8 53.8 53.4 45.2 GE 45.2 45.2 51.1 G E 70001 51.8 53.4 53.4 53.8 53.9 5 3 . B c 3 , ŝ 2.6 45.2 45.2 53.4 GE 60nnl 45.2 51.1 51.5 51.8 53.4 95.7 95.7 99.3 55.7 66.7 50001 3.0 46.9 46.9 46.9 46.9 53.1 53.4 GE 55 . 7 55.7 G E 45 00 | 40 00 | 46.9 46.9 49.8 53.1 53.4 53.8 57.4 55.4 59.0 55.4 59.0 55.7 59.3 55.7 59.3 55.7 59.3 55•7 59•3 3 · 0 56.7 57.0 G F 49.8 49.8 . . 59.3 50.2 50.2 51.1 59.7 59.7 59.7 59.7 59.7 35001 50.2 r, F 30001 3.3 50.8 50.8 50.8 50.8 57.7 58.0 58.4 60.0 60.0 60.3 60.3 60.3 4 6 . 3 71.5 72.1 73.9 73.8 79.1 74.1 74.1 74.1 74.1 74.1 G F 25.001 3.9 63.0 63.0 63.0 63.0 71.8 75.4 75.4 20001 3.9 73.4 75.1 75.1 75.4 75.4 15.4 75.4 75.4 G E 64.3 73.1 64.3 64.3 64.3 72.8 76.4 74.4 76.1 78.4 6 F IACOL 3.9 65.2 65 . 2 65.2 74 · 1 76 · 1 76.1 76.4 76.4 76.4 78.7 15001 3.9 15.7 78.7 6 F 56.6 66.6 66 . 6 66.6 78.4 75.1 10001 4.3 75.1 75.1 88.5 88.9 89.2 92.5 92.5 92.8 92.8 92.8 92.8 90.8 92.A 6 F 9001 1003 4 . 3 75.4 75.7 75.4 75.7 75.4 75.7 75.4 75.7 89+5 90+5 80.8 90.2 94.1 94.1 95.4 94.4 96.1 94.4 74.4 44.4 94.4 GE 96.1 96.1 4.3 76.1 96.1 96.1 96.7 96.7 7001 4 - 1 76.1 76.1 76.1 91.1 91.5 92.1 96.1 96.7 96.7 96.7 96.1 GE 6001 91.5 97.7 76.1 97.7 5001 76.1 76 . 1 92.1 92.5 93.1 98.7 94.7 76.1 4u0| 4.3 300| 4.3 92.5 92.8 92.8 93.4 98.4 98.4 98.7 99.7 G F 76.1 76.1 76 . 1 76.1 99.7 99.7 99.7 99.7 99.7 76.1 76.1 76 . 1 76.1 99.7 77.7 99.7 G E 99.7 99.7 99.7 100.0 GΕ 1001 76.1 76 . 1 76.1 92.5 92.8 93.4 78.7 99.7 99.7 99.7 100.0 01 4.3 GE 99.7 99.7 100.0 76.1 76.1 76 - 1 76.1 92.5 92.8 91.4 98.4 98.7 99.7 99.7 99.7

## PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VI-TRILLIAN FROM HOMBLY OBSERVATIONS

PERIOD OF PECOND: 18-87

99.5

99.1

MONTH: AUG HOURS (LST): 1200-1400

99.7 99.7 99.7 99.7 99.7 100.0 100.0 100.0

99.7 100.0 100.0 100.0

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

	ILING	• • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	•••••		BILITY				• • • • • • •		• • • • • • •	• • • • • • •	• • • • • • •
	1N	GE	GE	6 E	GF	GE	GE	6 E	GE	G£	GE	6 E	for a	GI	GE	GE	₽£
F	EET 1	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	4/4	5/6	1/2	5/15	1/4	C
• •	• • • • • •	• • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •		• • • • • •	• • • • • • • •
N O	CEIL I	2.7	28.0	28.0	28 . U	28.0	29.4	29.4	29.4	29.7	29.7	29.7	29.7	29.7	29.7	29.1	79.7
G.E	200001	4.1	31.8	31.8	31.8	31.8	34.1	34.1	34.1	34.5	34 . 8	34.4	34.8	34.9	<b>14.</b> 8	34.8	14.8
GE	180001	4.1	31.8	31.8	31.8	31.8	34.1	34 . 1	34.1	34.5	34 . 8	34.9	34.8	14.9	34.6	34.8	14.2
GE	160001	4.1	31.8	31.8	31.8	31.8	34.1	34.1	34.1	34.5	34.8	34.9	34.5	34.9	74 . P	34.8	34.6
GE	147001	4 . 1	31.8	31.8	31 - 8	31.8	34.1	34.1	34 • 1	34.5	34.8	34.9	74.5	34 . A	74.3	34.B	34.0
GΕ	150001	4.1	31.8	31.8	31 .8	31,8	34.1	34 + 1	34.1	34.5	34.8	34.9	₹4.8	₹4.9	₹4.8	34 . A	14. н
GE	100001	5.7	46.6	46.6	46.6	46.6	51.4	51.4	51.4	51.7	52.0	52.0	52.0	52.0	52.0	92.0	62.5
GE	90001	5.7	46.6	46.6	46.6	46.6	51.4	51.4	51.4	51.7	52.0	52.9	52.0	52.0	62.0	52.0	12.0
GE	87001	5.7	46.6	46.6	46.6	46.6	51.4	51.4	51.4	51.7	52.0	52.1	52.0	52.0	53.0		5.200
6 F	70001	5.7	46.6	46.6	46.6	46.6	51.4	51.4	51.4	51.7	52.0	52.0	52.0	52 + 0	52.0	50.0	15.7
GE	60001	5.7	46.6	46.6	46.6	46.6	51.4	51.4	51.4	51 - 7	52.0	52.0	٠2.0	52.0	42.3	57.0	٠٠٠)

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G E	ec 00 l	5.7	46.6	46.6	46.6	46.6	51.4	51.4	51.4	51.7	52.0	52.0	.5.0	52.0	52.3	97.0	)	
GE	50001	5.7	47.0	47.0	47 • a	47.0	52.0	52.0	52.0	52.4	52.7	52.7	52.7	52 • 7	52.1	52.7	52.7	
6 E	45001	6.1	47.3	47.3	47.3	47.3	52.4	52.4	52.4	52.7	53.0	51.0	53.0	53.0	11.0	63.0	53.0	
6 E	40001	6.1	49.7	49.7	49 . 7	49.7	54.7	54.7	54.7	55.1	55.4	55.4	55.4	55.4	55.4	55.4	c. r, . u	
6 E	35 00	6.8	51.0	51.0	51.0	51.0	56.1	56 • 1	56.1	56.4	56 • A	56.8	56.8	56.8	66.H	6.6.8	E fra H	
GF	30 pp	7.4	5 3 . 4	53.4	53.4	53.4	58 • 8	58.8	58.8	59.1	59.5	59.5	59.5	59.5	59.5	1, 2 . 1,	· y . 5	
6 F	25001	7 • 8	69.9	69.9	69.4	69.9	75.7	75.7	75.7	76.0	76.4	76.4	76.4	76.4	76.4	76.4	76.4	
6 E	10005	8.4	73.0	73.0	73.0	73.0	79.1	79.1	79.4	79.7	80.1	87.1	80.1	80.1	AJ.1	b ~ . 1	P D • 1	
t, E	18031	A . U	74.3	74.3	74.3	74.3	80.4	80.4	80.7	81.1	P1.4	P1.4	F1.4	81.4	A1.4	61.4	A1.4	
GE	15001	8.8	77.7	77.7	77.7	77.7	84.1	64.1	84,5	84.9	A5.1	A 5 . 1	95.1	85.1	F5.1	85.1	٠٠.1	
0 t	10001	A . b	85.5	85.5	85.5	85.5	72.6	92.6	92.9	93.6	93.9	34.0	93.0	33.9	93.9	43.0	43.4	
6 F	10051	9.1	A 1 • 2	87.2	87.2	€7.2	95.3	95.3	95.5	96.3	96.6	94.6	46.6	75.6	26.6	96.6	96.6	
6 F	9001	9.1	97.5	87.5	87.5	87.5	95.9	95.9	96.3	97.3	97.3	97.1	97.3	97.3	97.3	97.1	97.1	
G E	° 00 1	9.1	R 7.5	8 7.5	87.5	87.5	96.3	96.3	96.6	97.3	97.6	97.6	91.6	97.5	97.6	97.€	97.6	
GΕ	700	9.1	R 7 . B	87.8	87.8	87.8	97.0	97.0	97.3	98.0	98.3	98.5	98.3	₹8.3	2A.3	4 F . 3	94.3	
G E	1003	9.1	97.8	87.8	87.8	87.8	97.3	97.3	97.6	98.3	98.6	90.6	0 9 • C	99.0	94.0	99.0	44.0	
GE	5001	9.1	87.8	87.8	87.8	87.8	97.6	97.6	98.0	98.6	39.0	99.7	99.3	99.3	29.3	99.3	99.3	
6 E	4 401	9.1	87.8	87.8	87.8	87.8	97.6	97.6	98.0	98.6	99.0	99.1	99.7	99.7	24.7	59.7	94.1	
6 F	1001	9.1	87.R	87.8	87.8	87.8	97.6	97.6	98.0	98.6	99.0	99.1	99.7	49.7	99.7	99.7	99.7	
GE	1003	9.1	87.8	87.8	87.8	87.8	97.6	97.6	98.2	98.6	99.0	99.3	29.7	99.7	24.7	99.7	99.7	
GE	1001	9.1	87.8	87.8	87.8	87.8	97.6	97.6	98.0	98.6	99.0	99.3	99.7	99.7	10.0	100.0	100.0	

98.0

98.6

99.C

TOTAL NUMBER OF OBSERVATIONS:

97.8

87.8

87.8

87.8

97.6

97.6

01 9.1

GE

## PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIFICITY FROM HOURLY OBSERVATIONS

					ON NAME:							M C to T p	OF FEC	HOURS	(ESTI:	15a^-17	re
	LING	• • • • • •	• • • • • •	• • • • • •	• • • • • • • •					IN STAT			• • • • • • •		•••••		
FE	N I	10	GE 6	9 E	G E 4		GE 2 1/2	G E	G <sub>E</sub> 1 1/2	GE 1 1/4	GE 1	61 374	5 / A	5E 172	e\16 26	6.E 1.7.4	GE Ü
	CETL		28.4	28.4	28.4	28.4	28.7	29.7	28.7	28.7	28.7	28.7	28.7	28.7	25.1	24+7	26.7
_	200001	4.0 4.0	32.0 32.0	32.g 32.0	32.0 32.0	32.U 32.0	32.7 32.7	32 • 7 32 • 7	32 • 7 32 • 7	32.7 32.7	*2.7 32.7	32.7	32 • 1 32 • 1	32.7	12.7	12.1 32.1	17.7
GE	160001 140001	4.0	32.0 32.0	32.0 32.0	32.0 32.0	32.0 32.0	32 • 7 32 • 7	32 • 7 32 • 7	32.7 32.7	32.7 32.7	32 • 7 32 • 7	32 • 7 32 • 7	32 • 1 32 • 1	32.7 32.7	72.7	32.7 32.7	17.1
	120001		32.0	32.0	32.0	32.0	32.7	32.7	32.7	32.7	32 • 7	32.7	32 • 7	32.7	72.7	17.7	* !
GE	300001	6.9	46.5	46.5	46.5	46.5	48.2 48.2	48.2	48.8 48.8	48.8 48.8	48.8 48.8	4 P . R	48.8	48.8	4 A . A	44.4 44.P	4 H
G E G E	80001 70001 60001	6.9	46.5 46.5 46.5	46.5 46.5 46.5	46.5 46.5 46.5	46.5 46.5	48.2 48.2 48.2	48.2 48.2 48.2	48.8 48.8 48.8	48.8 48.8 48.8	48.8 48.8 48.8	4P.8	49.8 49.8 49.8	49.8 49.8 49.8	48.8 48.8	40.9 40.0 40.0	प्त-१ प्र- यम•स
G E	50001		47.9	47.9	47.9	47.9	49.5	49.5	50.2	50.2	50.2	4R.8 5r.2	50.2	50.2	50.2	27.2	50.2
G E G E	45001 40001	6.9	48.2 52.1	48.2	48.2 52.1	48.2	49.6 53.8	49.8 53.8	50.5 54.5	50.5 54.5	50 · 5	50.5 54.5	50.5 54.5	50.5 54.5	54.5	54.5	هري پر در د ټوپ در
G E G F	3560  3065	7.3 8.6	52.5 55.1	52.5 55.1	52.5 55.1	52.5 55.4	54.1 57.1	54 • 1 5 7 • 1	54.8 57.8	54.8 57.8	54 • 8 57 • 8	54.9 57.8	54.8 57.8	54 • 9 57 • 8	54.A	54.A	54.2
6 E	25001		76.9	76.9	76.9	77.2	79.9	79.9	80.5	90.5	RO . 5	80.5	86.5 96.1	80.5	90.5 96.1	80.5 86.1	£0.5 ₽6.1
6 E 6 E 6 E	2005  1800  1500	10.9	92.2 95.1 95.8	8 2 • 2 8 5 • 1 8 5 • 8	82.2 85.1 85.8	82.5 85.5 86.1	85.1 88.4 89.4	85.1 88.4 89.4	85.8 89.1 90.1	86.1 89.4 90.4	86.1 89.4 90.4	89.4 90.4	49.4 49.4	86 • 1 99 • 4 90 • 4	99.4 90.4	80.4 90.4	#0•1 #9•4 #8•4
6 E	12001		91.4	91.4	91.4	91.7	95.7	95.7	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
6 E	10001	10.°	92.1	92.1	92 • 1 92 • 4	92.4	96.7 97.7	96.7 97.7	97.4 98.3	97 • 7 98 • 7	97•7 98•7	97.7 9°.7	97.7 98.7	97.7 98.7	97.1	97.7	97.7 98.7
6 E	7 00 j	10.9	92.4	92.4 92.7	92 • 4 92 • 7	92.7 93.1	97•7 98•0	97.7 98.0	98.3 99.0	98.7 99.7	98.7 99.7	98.7 99.7	99.7	98.7 99.7	98.7	98.7 93.7	98.7
G F		10.9	72.1	92.7	92.7	93.1	98.0	98.0	99.0	99.7	99.7	99.7	99.7	99.7	29.7	39.7	99.7
G F	4001	10.9	72.1 72.1	92.7	92.7	93.1	98.0 98.3	98.0 98.3	99.0	99.7	99.7	100.7	99.7	99.7	99.7	99.7 160.0	100.0
G E G E	2001	10.9 13.9 10.9	92.7	92.7	92.7 92.7	93.1	98 • 3 98 • 3	98 • 3 98 • 3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GF		10.9	92.7 92.7	92.7	92.1 92.1	93.1	98.3	98.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

#### PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIFICITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAM		MONTH: AUI	
CFILING		IN STATUTE MILES	*******************************
IN I GE GE GE GE	GE GE GE GE	GE GE DE GE	6E 6F 6F 6F
FEET   10 6 5 4	3 2 1/2 2 1 1/2		
		-	* -
•	••••		
NO CEIL   4.1 34.1 34.1 34.1	34.1 34.5 34.5 34.5	34.5 34.5 34.5 34.5	5 34.5 74.5 34.5 34.5
Gr 200001 5.1 38.5 38.5 38.5	38.5 38.9 38.9 38.9	38.9 38.9 30.9 74.	9 38.9 38.9 38.9 30.7
GE 180001 5.1 38.5 38.5 38.5	38.5 38.9 38.9 38.9	38.9 78.9 38.0 78.	
GE 16000   5.1 38.5 38.5 38.5	38.5 38.9 38.9 38.9	38.9 18.9 35.0 18.	•
GE 14000  5.1 38.5 38.5 38.5	38.5 38.9 38.9 38.9	38.9 38.9 38.9 38.	
GF 12000   5.1 38.5 38.5 38.5	38.5 38.9 38.9 38.9	38.9 38.9 39.9 38.	
GF 10000  7.8 52.0 52.0 52.0	52.0 53.0 53.0 53.0	53.0 53.0 51.0 53.	
GE 90001 7.8 52.0 52.0 52.0	52.0 53.0 53.0 53.0	53.7 53.0 53.0 53.	
GE 8000  7.8 52.0 52.0 52.0	52.0 53.0 53.0 \$3.0	53.0 53.0 53.0 53.	
GE 70001 7.8 52.0 52.0 52.0	52.0 53.0 53.0 53.0	53.0 53.0 57.0 53.	
GE 60001 7.8 52.4 52.4 52.4	52.4 53.4 53.4 53.4	53.4 53.4 57.4 53.	4 53.4 53.4 53.4
GE 50001 7.8 53.0 53.0 53.0	53.0 54.1 54.1 54.1	54.1 54.1 54.1 54.	1 54.1 74.1 54.1 54.1
GE 45001 8.4 54.7 54.7 54.7	54.7 55.7 55.7 55.7	55.7 55.7 55.7 55.	7 55.7 55.7 55.7 55.7
GE 4001 9.1 60.5 60.5 60.5	60.5 61.5 61.5 61.5	61.5 61.5 61.5 61.	5 61.5 61.5 61.5 61.5
6E 35001 9.5 60.6 60.8 60.8	60.8 61.8 61.8 61.8	61.8 61.8 61.8 61.	A 61.8 61.8 61.8 61.6
6E 3COO1 9.8 62.5 62.5 62.5	62.5 63.5 63.5 63.5	63.5 63.5 63.5 63.	5 63.5 63.5 63.5 63.5
GE 25001 19.1 79.4 79.4 79.4	79.4 81.1 81.1 81.1	81.1 81.1 81.1 81.	1 81.1 91.1 81.1 81.1
GE 2000  10.1 83.8 83.8 83.8	83.8 A6.1 86.1 R6.1	86.1 86.1 86.1 86.	1.1
GF 1800  10.1 94.6 84.8 84.8	84.8 87.2 87.2 87.2	87.2 87.2 87.1 P7.	
6F 1500 10.1 97.8 87.8 87.8	87.8 90.5 90.5 90.5	77.5 90.5 90.5 97.5 97.	
GE 1200 10.1 92.9 92.9 92.9	92.9 97.3 97.3 97.3	97.3 97.3 97.1 97	
GE 10001 10.1 93.6 93.6 93.6	93.6 98.0 98.0 98.3	98.6 98.6 98.6 98.	6 98.6 98.6 98.6
65 9001 10-1 93-9 93-9 93-9	93.9 98.3 98.3 98.6	99.7 99.0 99.0 97.	g 99.g 99.g 99.g 69.3
SE 8001 10.1 93.9 93.9 93.9	93.9 98.6 98.6 99.0	49.3 09.3 90.1 99.	3 99.1 99.3 99.3 99.5
GF 7001 10.1 93.9 93.9 93.9	93.9 99.0 99.0 99.3	100.0 100.0 100.0 100.	0 100.0 100.0 100.0 100.0
GE 6001 10.1 93.9 93.0 93.9	93.9 79.0 99.0 99.1	100.9 130.0 100.0 100.	J 100.0 100.J 100.0 100.0
GE 5001 10.1 93.9 93.9 93.9	93.9 99.0 99.0 99.3	100.0 100.0 100.0 100.	J 100.0 17J.0 100.0 100.0
GE 4001 1-1 93.9 93.9 93.9	93.9 99.0 99.0 99.3	100.0 100.0 100.0 100.	0 100.0 100.0 100.0 100.0
GF 300  10.1 73.9 93.9 93.9	93.9 99.0 99.0 99.3	109.0 100.0 100.0 100.	J 100.0 100.J 100.0 100.3
GF 2001 10.1 93.9 93.9 93.9	93.9 99.0 99.0 99.3	100.0 100.0 100.0 100.	100.0 100.0 100.0 100.0
of 1001 10.1 93.9 93.9 93.9	93.9 99.0 99.0 99.3	100.0 100.0 100.4 100.	0.001 0.001 0.001 0.00
GF 0  10.1 93.9 93.9 93.9			J 100.0 100.0 100.0 100.0

# PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VICIBILITY FROM HOURLY OBSERVATIONS

													1: AUG	HOURS	.((51):	2100-25	500
EILING	• • • • •		• • • • •		• • • • • • •					IN STATE			• • • • • • •				• • • • • • • •
IN	l Gi	ŧ.	G <b>{</b>	GE	GE	GE	GE	GE	GF	6E	GE	. 5 E	GE	Gf	r, E	٥ŧ	Ŀ <b>f</b>
FEET	1		6	5	4		2 1/2		1 1/2		1	3/4	5/8	172	116	174	3
• • • • • •	• • • • •	• • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	•• • • • •	• • • • •	• • • • • • •	• • • • • • •	• • • • • •	<i>.</i>	• • • • • •				
O CETL	1 3.	. 3	43.7	40.7	40.7	49.7	42.7	42.7	42.7	42.7	42.7	43.0	43.0	43.0	43.0	43.0	43.0
						-						•	.,,,	. , , ,	,,,,		• ,•
20000		• 3	42.7	42.7	42.7	42.7	44.7	44.7	44.7	45.0	45.0	45.4	45.4	45.4	45.4	46.4	45.
18000		. 3	42.7	42.7	42.7	42.7	44.7	44.7	44.7	45.0	45.0	45.4	45.4	45.4	45.4	45.4	45.4
E 16000		• 3	42.7	42.7	42.7	42.7	44.7	44.7	44.7	45.0	45.0	45.4	45.4	45.4	45.4	45.4	45.4
E 14000		• 3	42.7	42.7	42.7	42.7	44.7	44.7	44.7	45.0	45.0	40.4	45.4	45.4	45.4	45.4	45.4
12000	31 5.	. 3	42.7	47.7	42.7	42.7	44.7	44.7	44.7	45.0	45.0	45.4	45.4	45.4	45.4	45.4	45.4
E 1000	3   3	. 6	56.6	56.6	56.6	56.6	61.9	61.9	61.9	62.6	62.6	65.9	62.9	62.7	F2.9	67.9	
9000	31 3.	• 6	56.6	56.6	56 • 6	56.6	61.9	61.9	61.9	62.6	62.6	62.9	62.9	62.7	62.9	62.5	42.4
E 85.00	01 3.	. 6	57.0	57.0	57.0	57.0	62.3	62.3	62.3	62.9	62.9	63.3	63.2	63.2	€3.2	53.7	63.
E 7000	31 3.	. 6	57.0	57.0	57.0	57.0	62.3	62.3	62.3	62.9	62.9	63.2	63.2	63.2	63.2	63.2	6 1.7
E 6000	) I .	. в	57.6	57.5	57.6	57.6	62.9	62.9	62.9	63.6	63.6	67.7	63.9	63.9	63.9	63.9	63. •
E 5000	) 1 3.	. 6	58.3	5 A . 3	58 - 3	58.3	63.6	63.6	63.6	64.7	64.2	64.6	64.6	64.6	44.6	€4.6	A 4 . A
E 4"00	3 i 3.		58.6	5 A . 6	58 - 6	58.6	63.9	63.9	63.9	64.6	64.6	64.9	64.9	64.7	64.9	64.5	64.
F 4000	2 4.	• C	62.3	62.3	62.3	62.3	67.9	67.9	67.9	68.5	68.5	64.9	68.9	69.9	68.9	66.9	( A
£ 350t	of 4.	• 0	62.3	62.3	62 • 3	52.3	67.9	67.9	67.9	68.5	58.5	68.9	68.9	68.9	68.9	68.7	66.9
r 3rb0	)  4,	• O	62.9	67.9	62.9	62.9	68.9	68.9	68.9	69.5	6.9.5	69.9	69.9	69.9	67.9	69.9	69.4
E 2560	) i 4.	• C	78.6	79.8	78 • 8	78.8	P6.1	86.1	86.1	86 • 9	86.8	87.1	87.1	87.1	97.1	57.1	87.1
r ando	21 4.	• 0	a 2 . 1	80.1	60 - 1	80.1	P7.4	87.4	87.4	88.4	P8.4	88.7	88.1	88.7	98.7	99.7	66.7
f legs		• 0	90.5	80.5	80.5	bn.5	37.7	87.7	87.7	88.7	08.7	89.1	89.1	89.1	P9.1	89.1	89.1
1:00		• 3	91.8	81.8	81.8	81.8	84.7	89.7	89.7	90.7	90.7	91.1	91.1	91.1	91.1	21.1	91.1
1200		. 3	26.4	86.4	96.4	86.4	95.0	95.0	95.0	96.7	36.7	97.0	97.4	97.4	27.4	97.4	97.4
E 1rac	) i u .	. 3	P6.8	я6.8	96 • 9	86 • A	96.0	96.0	96.0	98.0	98.0	50.1	98.7	99.7	98.7	98.7	94.7
F 900			A 6 . B	86.8	86.8	86.8	96• B	96.3	96 • €	98.0	98.0	98.3	99.7	99.7	98.7	98.7	98.7
F 800			P7.1	87.1	87.1	87.1	96.7	96.7	97.0	99.0	99.0	97.3	99.7	99.7	99.7	99.7	29.7
F 700			97.4	B 7 . 4	87.4	87.4	97.0	97.0	97.4	99.3	99.3	99.7	100.0			-	
f 400			97.4	87.4	87.4	87.4	97.0	97.0	97.4	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0
-	-	-			· · ·	J.,,	• 0				,	,,,,	1 70 • 0	103.0	100.0	100.0	100.0
500			97.4	87.4	87.4	87.4	97.0	97.0	97.4	99.3	99.3	99.7	100.0	133.3	100.3	100.0	100.0
E 400			87.4	87.4	87.4	87.4	97.0	97.C	97.4	99.3	30.1	99.7	100.0	130.3	100.0	100.0	100.0
100			R 7.4	A 7 . 4	87.4	87.4	97.0	97.0	97.4	99.3	99.1	99.7	100.0	100.0	100.0	100.0	1 C 0 • G
E 200 E 100			37.4	87.4	87.4	87.4	97.0	97.0	97.4	99.3	99.3	99.7	100.0	100.0	100.0	100.6	100.0
E 100	11 4.	. 3	97.4	87.4	87.4	87.4	97.0	97.5	97.4	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0
	1 4.	. 3	87.4	87.4	87.4	87.4	97.0	97.C	97.4	99.1	99.3	99.7	1	100.0	100.0	100.0	100 0

TOTAL NUMBER OF ORSERVATIONS:

302

PERCENTAGE FREQUENCY OF OCCURPENCY OF CFILING VERSUS VICIPILITY
FROM HOURLY OBSERVATIONS

PER100 OF RECOPD: 78-87

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

											PONTH	: Atri-	HOLPS	CLST1:	ALL	
	• • • • • •															
CEILING									IN STATI							
IN I	e E	GE	G F	GF	GE	GΕ	L F	G.F.	64	GE	U.E	e t	3 E	G F	1. (	61
FEET	1 C	6	5	4		2 1/2		1 1/2		1	14	5/8	1/2	c/16	1/4	~
• • • • • • • •	• • • • • •	• • • • • •	• • • • • • •		• • • • • • •			• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	<i>.</i> .	• • • • • • • • • • •
NO CETL 1	1.0	33.9	33.9	33.9	33.9	36.8	36 • A	36.9	37. '	37.9	39.0	30.1	39.4	16.5	20.€	16.8
NO CETE 1	1.7	,,,,,	3 7 . 7	33.7	22.4	>6 • 8	30 • 4	30.4	37.	11.3	,		37.4		(	20 • €
06 500001	2.2	36.6	36.6	₹6.7	36.7	39.9	39.9	40.0	40.5	41.7	41.3	41.5	41.6	41.8	41.9	42.0
GE 180001	2.2	36.6	36.6	36 • 7	36.7	39.9	32.9	40.0	40.	41.2	41.2	41.5	41.5	41.9	41.9	4
6E 160001	2.2	36.6	36.6	36 • 7	36 . 7	39.9	39.9	40.0	40.9	41.2	41.3	41.5	41.6	41.8	41.0	42.0
66 14C001	2.2	36.6	16.6	36 • 7	36.7	39.9	39.9	40.C	43.9	41.2	41.5	41.5	41.5	41.6	41.0	42.C
6E 120001	2.2	36.6	36.6	36 . 7	36.7	19.9	39.9	40.0	40.9	41.7	41.3	91.5	41.6	41.8	41.9	4
					•											
6F 100001	3.4	49.3	49.3	49.3	49.3	55.5	55.6	55.8	57.1	57.5	5 . 1.	17.9	57.9	r 8 • 1	50.2	۴.,
6E 90001	3.4	49.3	49.3	49.3	49.3	55.5	55.6	55.8	57.1	57.5	57.1	57.9	57.9	r. 5 • 1	50.2	c 4 . 4
GE 8000	3.4	49.3	49.3	49.4	49.4	55.5	55.6	55+8	57.2	c.7.6	57.1.	17.9	59.0	53.2	52.1	C + . u
6F 7000	3.4	49.3	49.3	49.4	49.4	55.5	55.6	55. A	57.2	57.E.	5.7.6	67.7	58.0	5 H + 2		C. 44 44
6E 60031	7.4	49.5	49.5	49.6	49.6	55.7	55.A	56.0	57.4	57 . A	57.0	c2 + 1	59.2	r 9 • 4	€ 6 • €	F # 4 E
GE 5000	1.4	50.5	50.5	5ე.6	50.6	56.9	57.0	5.7 . 2	50.6	59.0	< 0 • 1	69.3	57.4	69.6	59.7	e e
0E 45001	3 • 6	51.1	51.1	51.1	51.1	57.5	57.6	57.8	59.1	46.4	53.6	40.4	23.0	40.1	60 • 2	1,1-4
6E 4000	3 . 7	54.3	54.3	54 • 3	54.3	6C+8	6 D • 9	61.1	62.6	45.4	63.0	63.3	63.3	63.5	53.6	63.4
6F 35501	1.0	54.7	54.7	54.7	54.7	61.3	61.3	61.6	63	F. 5 . 4	6.7.5	4. 7 . 7	67.9	F 4 . C	64.1	64.1
6.F 30001	4.2	1, 5 . 0	55.9	55.9	56+3	62.6	62.48	63.1	64.5	64.9	65.0	65+3	65.3	f 5 . 5	₽. • ₽	15.F
65 25001	4.5	10.2	10.2	70.3	77.3	78.2	7 P . 3	14.5	аг.э	5 O . 4	p = 1	an.7	80.9	91.0	H1 • 1	81.1
3E 20001	4.7	72.5	72.5	72.5	72.6	86.6	00.7	90.9	82.5	41.C	63.)	01.3	A 3 . 4	A 3 . 6	B 3 . 7	P 3 . R
66 19001	4 . 8	73.4	73.4	73.4	73.5	81.6	81.7	92.0	83.6	64.0	F 4 • 1	94.4	84.5	24.7	84.7	-3.n
95 150al	4.0	74.7	74.9	74.9	74.9	∩ 1 = 6: P 3 • 4	81.5	F 3. 7	H G . 4	a a	26.3	a (, , ;	86.7	46.5	86.5	86.7
0F 12001	4.7	º 1 • €.	81.0	81.0	81.1	46.9	97.0	91.2	93.1	0 1 4	4 7 4	74.0	94.1	94.3	94.3	Cu. C
12001	•••	• •	0.1.0	01.0							• • •	. 4 . 10	44.1	*4.5	, , ,	• • •
66 17001	4.9	91.5	81.9	P1.9	62.0	92.6	9.7.4	92.4	95.1	QC is	40.1	96.0	76.1	26.3	G 4, 1	96.5
96 3601	4.0	42.1	87.1	P 2	62.2	93.1	93.2	93.5	94,4	26	96.3	56.6	96.7	06.9	97.0	41.
GE ADDI	4.9	92.2	82.2	я2.3	82.3	93.6	4.6	94.0	46.8	26.7	56.0	97.2	97.3	97.5	, 7 . 5	91.7
UF 7071	4.0	42.5	8.7.5	82.5	82.5	24.1	94.1	94.6	v 1 1	97.4	· 7 . s.	98.C	/R . ()	98.3	98.3	Q H . S.
GE 6001	4,0	42.5	82.5	P2.5	62.5	94.1	94.2	94.6	97.3	97.6	, 0 , 7	94.4	99.5	24.7	93.8	98.9
6F 1001	4.9	92.5	92.5	92.5	82.5	54.3	94.3	gu. A	97.5	20.0		90.6	98.7	25.9	\$9.D	co.
GF 4J71	4.5	A2.5	42.5	F2.5	62.6	34.5	94.7	95.1	97.9	3 H	φ <b>α.</b> γ	99.1	99.7	99.4	99.5	24.6
FCO. 39	4.9	A2.5	82.5	82.5	82.5	94.6	94.7	95.1	98.0	34.6	3 R . 7	99.1	99.7	09.4	99.5	94.7
100 3 34	4.9	82.5	8.2 -5	82.5	82.6	44.6	94.7	30.1	98.5	44.	49.7	77.2	33.3	99.5	99.5	99.8
6E 1001	4.9	92.5	82.5	A2 • 5	82.6	94.6	94.7	95.1	90.5	34.1	94.7	19.2	99. 7	99.5	33.6	106.0
		0.3 f						_, .								
61 71	4.9	P 2 • 5	82.5	82.5	82.6	44.6	94.7	25.1	94.3	ଜ୍ୟା•	·° • 1	30,	99.3	79.5	99.6	10.0.0

GLOBAL FLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VIRSUS VISIFILITY FROM HOURLY OBSERVATIONS

USAFETAC FROM HOURLY OBSERVAT AIR WEATHER SERVICE/MAC

STATION NUMBER: 260632 STATION NAME: LENINGRAD USSR

7 д-нт : опродения по поряду В **929 Саяри.** Од 05-30-31 (1791) 2890 н — отт энгина

CFILING IN I GE GE 5 11 GF GE GE 4 3 2 1/2 GΕ 1/2 110 1/4 10 16.5 30.2 30 · 2 6: 200001 30.9 30.9 31.2 31.2 36.6 36.6 36.6 31.7 1 - , 3 ٠.. 14.0 , , 30.9 31.2 36 .6 36 .6 37.9 77.5 14.7 14.7 14.7 · · · · GF 180001 30.9 31.2 3t . 6 36.6 SE 140001 31.2 36.6 30.9 36.6 10.9 37.9 11.4 14.4 GE 120001 30.9 37.5 10.9 31 . 2 31.7 36.6 36.6 36 . 6 · · . 68 160001 37.2 37.2 37.6 37.6 45.0 45.0 45.0 46.6 46.7 90001 37.5 45.0 45.0 46.6 40.00 48.7 4 F . D 4-. 1 37.2 37.2 37.5 45.0 37.2 4 F . C GE 80001 37.2 37.6 37.6 37.6 37.6 45.0 40.0 45.0 46.6 40.0 9 m . i 9 m . j 4 8 . ! 70001 45.0 45. ( G E 37.2 45. D 37.2 37.2 37.6 45.0 45.0 44.6 46.4 50001 45001 41001 12.1 6 E 39.6 39.6 39.9 39.9 47.7 47.7 47.7 4 . . ! 44.5 1.1.6 1.1.7 5.4.7 5.4.7 '!.' . . 1. 40.6 43.6 45.0 G E 40.3 40.3 40.6 48.3 49.3 48.3 58.4 6 F 51.7 43.6 31 30 1 19. ٠,,,, 5 7 . 0 5 5 . 0 G E 44.€ 44.6 45 . . 53.0 53.0 46.5 15 E 77.5 76.8 77.3 24 GB | 20 GB | 71 ., 75 . 6 76.5 77.2 74.7 76.5 77.2 75.3 63.6 63.B 64.1 64.1 7 64.4 65.1 67.1 73.5 74.5 76.8 75.5 54.1 54.8 64.1 64.8 64.4 73.5 74.5 11.5 6 F 73.5 f) t 19021 26.4 74.5 , п. . В 0 . . 15.004 66.8 67.1 ...) . C AC.9 97.9 81. 71.8 10001 11.8 72.1 A4. 6 84.6 8 R . fi n n . v 10001 12.1 s.c. ( 85.6 85.6 a . . . 93.6 71.8 71.8 72.1 90.9 1996 1994 71.E 72.A 77.H 72.1 72 - 1 73 - 2 85.6 87.6 88.6 90.6 92.6 93.3 6.8 95.6 66.4 # 12 . f F9.3 93.5 11.6 72.8 71.8 4J.9 ۲, ۱ P7.6 87.6 91.4 92.6 57.6 93.0 GF 7601 74.2 95.0 73.P 73.9 (, F £ 60 t 14.2 74.7 90.3 90.3 90.3 94.3 24.3 96.0 25.3 +6. 3 76.6 5001 24. 74.2 94.4 25.5 G E 74.5 74.5 90.6 20.5 96.4 24.4 97.0 97.3 97.3 74.5 20.6 76.0 G f 4001 74. 74.5 91.3 91.3 95.6 96.€ 96.6 47.7 99.0 98.3 99.3 99.3 41.3 74.5 95.6 95.6 96.0 91.6 99.5 3001 14.2 74.2 74.5 21.3 91.3 97.7 99.0 98.3 + 4 . 3 Ğ E 98.7 2001 74.2 74.5 96.0 14.2 31.3 91.3 91.3 97.7 99.0 06.3 6, 8 J. 91.3 91.3 91.3 96.5 92.0 100.6

## PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VICIBILITY FROM HOURLY OBSERVATIONS

JSAFETAC LIR WEATHER SERVICE/MAC

		_	260630									PERIOD OF RECORD: 18-87 MONTH: SEF HOURS(LSTI: 8360-8508						
	LING	• • • • • •	• • • • • • •	•••••		• • • • • •	•••••			IN STATU				• • • • • • • •				
Į FE	N ET	GE   10	GE E	GE 5	GE 4		6ξ 2 1/2	G E ?	6E 1 1/2	GE 1 1/4	GE 1	5E 374	G! 5/8	GE 1/2	GF 5/16	9{ 174	6E 5	
N O	CEIL	I	25.9	25.9	25 • 9	25.9	33.4	33.4	33.4	34.5	15.5	35.5	36.2	36.2	10.5	37.2	37.5	
6 E 6 E	200000 18000 16000 14000	 	26.3 26.3 26.3 26.3	26.3 26.3 26.3 26.3	26 • 3 26 • 3 26 • 3	26.3 26.3 26.3 26.3	33.8 33.8 33.8	33.8 33.8 33.8	33.8 33.8 33.8	35.5 35.5 35.5	36 • 5 36 • 5 36 • 5	36.5 36.5 36.5 36.5	37.2 37.2 37.2 37.2	37.2 37.2 37.2 37.2	37.5 37.5 37.5 37.5	38.2 38.2 38.2 38.2	70.€ 36.6 36.6 ₹8.6	
	12000  10000  9000	ļ	26.3 33.1 33.1	33.1 33.1	26 • 3 33 • 1 33 • 1	33.1 33.1	33.8 41.6 41.6	33.8 41.6 41.6	33.8 41.6 41.6	35.5 44.7 44.7	36.5 46.1 46.1	36.5 46.1 46.1	37.2 46.8 46.8	37.7 46.8 46.8	37.5 47.1 47.1	38.2 47.8 47.8	76.0 45.1 45.1	
6 E 6 E	80001 70001 60001		33.1 33.1 33.1	33.1 33.1 33.1	33 • 1 33 • 1 33 • 1	33.1 33.1 33.1	41.6 41.6 41.6	41.6 41.6 41.6	41.6 41.6 41.6	44.7 44.7 44.7	46.1 46.1 46.1	46.1 46.1 46.1	46.8 46.8 46.8	46.8 46.8 46.9	47.1 47.1 47.1	47.8 47.8 47.8	48.1 48.1 48.1	
6 E 6 E	5 7 0 0 l 4 5 0 0 l 4 C 0 0 l	 	33.8 34.1 36.9	33.8 34.1 36.9	33 • 8 34 • 1 36 • 9	33.8 34.1 36.9	42.7 43.0 46.8	42.7 43.0 46.8	42·7 43·0 46·8	45.7 45.1 49.8	47.1 47.4 51.2	47.1 47.4 51.2	47.8 48.1 51.9	47.8 48.1 51.9	48.1 48.5 52.2	48.8 49.1 52.9	49.1 49.5 53.2	
6 E 6 E	35 00 l 36 00 l 2° 00 l		37.5 40.6 53.9	37.5 40.6 53.9	37.5 40.6 53.9	37.5 40.6 53.9	47.8 51.9 66.9	47.8 51.9 66.9	47.8 51.9 66.9	59.9 54.9 70.6	52.2 56.3	52.2 55.3 72.9	52.9 57.0	52.9 51.0	53.2 57.3	57.9 58.0	54.3 66.4 74.1	
5 E 6 E 6 E 6 E	2000   1800   1500   1200		56.3 56.7 58.7 63.1	56.3 56.7 59.7 63.1	56 • 3 56 • 7 58 • 7 63 • 1	56.3 56.7 58.7 63.1	70.6 71.0 74.1 82.3	70 • 6 71 • 0 74 • 1	70.6 71.0 74.1 82.3	74.4 74.7 78.2 86.7	75.8 76.1 79.5 88.1	75.8 75.1 79.5 88.1	76.5 76.8 80.2	76.5 76.8 80.2 88.7	76.8 77.1 83.5 89.1	77.5 77.8 81.2	77.8 78.2 81.6 90.1	
G E G E	1000	<u> </u> 	64.2 64.5	64.2 64.5	64 • 2 64 • 5	64.2	84.0 84.3	87.3 84.0 84.3	84.0 84.3	88 • 4 88 • 7	Я9.8 90.1	89.8 93.1	90.4	90.4 95.8	90.8	91.5 91.8	91.8	
G E G E	8 00   7 03   6 00	)	64.8 64.8	64.8 64.8 64.8	64•8 64•8 64•8	64.8 64.8	85.0 85.3 86.3	85 • 0 85 • 3 86 • 3	85.0 85.3 86.3	89.4 89.8 91.1	90.8 91.1 92.5	90.8 91.1 92.5	91.5 92.2 93.5	91.5 92.2 93.5	91.8 92.5 93.9	92.5 93.2 94.5	92,8 93.5 94.9	
6 E 6 E 6 E	5 00 1 4 00 1 7 00 1 2 00 1		64.8 65.2 65.2 65.2	64.8 65.2 65.2	64 • 8 65 • 2 65 • 2	64.8 65.2 65.2	86.7 87.7 87.7 87.7	86 • 7 8 7 • 7 8 7 • 7	86.7 87.7 87.7 87.7	91.8 93.2 93.2 93.2	93.2 94.5 94.9	93.2 94.5 95.2 95.2	94.5 95.9 96.6 96.6	94.5 95.9 96.6 96.6	94.9 96.6 97.3 97.3	95.6 97.3 98.3 98.3	95.9 97.6 98.6 98.6	
G E G E	1001 al		65.2	65.2	65.2 65.2	65.2	87.7 87.7	87.7	87.7	93.2	94.9	95.2	96.6	96.6	97.3	98.3	99.7	

# PERCENTAGE FREQUENCY OF OCCUPPENCE OF CELLING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR prolot of FECURO: 78-87

STA	TION NI	) WAF h :	5 P DP 2.0	2 I M I I	UN NAME	. LENI	NG MAJ U	2 2 B					(1) 1:11				
												M-31 TH			tt 571:		
		• • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • • •	*******		• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •
	LING	c t								IN STATE			r, r	5.6			
1		GE	GF	Q F	GE	GE.	GE 2 1/2	GE	Gr.	64.	66.	' E →/4	5/8	1/2	64 5716	5.6	af
FE	-	1 C	6	5	4				1 1/2		1				- X 1 6	1/4	S S
• • •	• • • • • •	• • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •		• • • • • • •	• • • • • • •		•••••
N C	CEIL I		22.8	22.8	22.8	22.8	29.3	29.3	29.3	31.2	11.9	31.9	12.0	32.3	16	31.0	17.1
						,				,	• •						• •
GE	100001	. 4	23.6	23.6	23.6	23.6	30.4	30.4	30.4	32.2	73.0	33.3	11.3	33.3	13.7	34.1	26.
GΕ	180001	. 4	23.6	23.6	23.6	23.6	3C+4	30.4	30.4	32.2	73.0	33.0	₹ <b>₹ .</b> 3	\$5.5	73.7	34.1	11.
GE	160001	. 4	73.6	23.6	23.6	23.6	30.4	30.4	30.4	32.2	13.0	37.0	* 3 . 5	33.3	11.7	14.1	14.42
	14C nn l	. 4	23.6	23.6	23.6	23.6	36.4	37.4	30 - 4	32.2	73.0	33.0	35.3	33.3	22.7	14.1	
	120001	. 4	23.6	2 7 . 6	23.6	23.6	3 C. 4	30.4	30.4	32.2	*3.0	31.7	35.3	33.3	* 3 . 7	34.1	11.2
GE	100001	. 4	29.7	29.7	29.7	29.7	39.1	39.1	37.1	41.7	42.4	47.4	42.8	42.8	43.1	47.5	4 5 • I
ΘĒ	10000	. 4	29.7	29.7	29 • 7	29.7	39.1	39.1	39.1	41.7	42.4	47.4	47.4	47.5	43.1	4 7 . 5	4 - 7
GE	10008	. 4	29.7	29.7	29.7	29.7	39.1	39.1	39.1	41.7	42.4	47.4	42.8	42.0	45.1	43.5	45.7
G£	7000 (	. 4	29.7	29.7	29.1	29.7	39.1	39.1	39.1	41.7	42.4	97.4	42.8	42.9	4 5 - 1	4 7 . 5	45.7
GE	60001	. 4	30.1	30.1	30.1	30 - 1	39.5	39.5	39.5	42.0	42.8	42.0	43.1	43.1	43.5	ų ² . ú	46.6
						-											
GE	50001	. 4	31.2	31.2	31 • 2	31.2	40.6	40.6	40.6	43.1	43.8	43.4	44.2	44.2	44.6	44.7	47.1
GE	45031	. 4	31+2	31.2	31.2	31.2	46.6	48.6	40.6	43.1	43.A	ų T , A	44.2	44.2	44.6	44.9	47.1
GE	400gl	. 4	33.0	33.0	33.0	33.0	43.5	43.5	43.5	46.0	46.7	46.7	47.1	47.1	47.5	47.8	° E • C
G F.	35001	. 4	34.4	34.4	34.4	34.4	44.9	44.9	44.9	47.5	48.2	4 R	44.6	48.5	48.9	49. !	· 1.4
GE	30001	• 7	34.8	34.8	34 . 8	34.8	45.3	45.3	45.3	47.8	4P.6	49.6	49.9	43.9	49.3	49.5	* 1 • h
GE	25001	. 7	48.6	48,6	48.6	48.6	60.1	60.1	60.1	63.0	63.8	6 * • 6	64.1	64.1	64.5	64.3	67.3
GE	20001	. 7	50.4	50.4	50 • 4	50.4	62.7	62.1	62.7	65.6	66.3	66.3	67.0	67.3	67.4	67.8	(9.9
GE	18001	. 7	51.4	51.4	51.4	51.4	64.1	64.1	64.1	67.3	67.B	67.8	68.5	69.5	60.8	69.2	71.4
G E	15001	• 7	53.3	53.3	53.3	53.3	56.3	66.3	66.3	69.2	69.9	64.0	7 U . 7	70.7	71.0	71.4	73.6
GE	12001	. 7	63.0	63.0	63.0	63.C	79.7	79.7	79.7	83.N	P4 . I	H4.1	A4.8	84.9	A5.1	85.5	A 7 • 7
G E	1000	1 • 1	64.9	64.9	64.9	64.9	H 3. 3	83.3	83.3	86.6	R7.7	89.7	P 9 • 8	88.8	49.1	89.5	91.7
GE	9001	1.1	64.9	64.9	64.9	64.9	A 3 • 3	83.3	93.3	86.6	87.7	80.0	A 8 . A	88.8	P9.1	89.5	91.7
GΕ	800	1.1	65.2	65.2	65.2	65.2	84.4	84.4	84.4	87.7	AA.A	80.1	P 9 . 9	89.9	90.2	90.6	92.6
GE	700	1 - 1	65.2	65.2	65 • 2	65.2	85·1	85.1	85.1	88.8	90.2	97.6	61.3	91.3	71.7	92.0	94.2
GE	6001	1 - 1	65.2	65.2	65 • 2	65.2	85·1	85.1	85.I	88.8	90 • 5	97.6	91.5	91.7	21.7	92.0	94.2
G F	5001	1.1	65.2	65.2	65.2	65.2	85.9	85.9	85.9	89.0	91.3	91.7	92.8	92.8	93.1	93.5	95.7
GΕ	4001	1.1	65.2	65.2	65.2	65.2	86.6	86.6	86.6	90.6	92.4	9.2 A	94.6	94.6	94.9	95.3	97.5
GE	3001	1.1	65.2	65.2	65 • 2	65.2	86.6	86.6	86.6	90.6	93.1	93.5	95.3	95.7	96.0	96.4	98.6
GE	2001	1.1	65.2	65.2	65.2	65.2	87. Q	87.0	87.0	90.9	91.5	93.9	95.7	96.0	96.4	96.7	98.9
GE	1001	1.1	65.2	65.2	65 • Z	65.2	87• Q		87.C	90.9		91.8	95.7	96.0	96.4	96.7	100.0
U L	1001	1.1	63.2	0 3 • 2	02.42	07+2	81.0	87.0	87 a G	90.9	93.5	71.5	45.7	A0 • f)	40.4	40.7	100.0
GE	οŧ	1.1	65.2	65.2	65.2	65.2	P 7 . U	87.3	87.C	90.9	53.5	93.8	95.7	96.0	96.4	96.7	100.0
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#### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 26063C STATION NAME: LENINGRAD USSR PERIOD OF RECORD: 78-87 MONTH: SEP HOURS (LST): 0900-1100 VISIBILITY IN STATUTE MILES
GE GE GE GE
2 1 1/2 1 1/4 1 ic GE CFILING GF IN | 6 E 5 GE GE 3 2 1/2 GŁ G€ GE 10 ં 3/4 5/8 ົ ປ NO CEIL I 1.7 21.2 21.2 21.2 21.2 25.7 25 . 7 25.7 26.4 26.4 26.4 26 . 4 26.4 26.4 26.4 26.4 6 # 100001 28.4 28.4 28 • 4 28 • 4 23.3 23.3 23.3 23.3 27.1 27.7 27.7 28.4 26.4 1.7 29.4 28.4 28.4 28.4 28.4 28,4 26.4 27.7 27.7 27.7 28.4 28.4 GE 18COCI 1.7 23.3 23.3 23.3 23.3 28.4 2ª • 4 2° • 4 28.4 28.4 GE 162001 23.3 27.7 27.7 28.4 28.4 28.4 28.4 28.4 23.3 140001 23.3 28.4 28.4 23.3 23.3 23.3 27.7 27.7 21.7 28.4 28 . 4 28.4 28.4 120001 6F 100001 30.8 3 C . 8 30 • 8 37.7 37.7 37.7 39.0 39 **.** D 39.0 39.4 39.4 30.8 39.4 GE 90001 80001 30.8 30.8 3 C . 9 30.8 30.8 37.7 37.7 37.7 37.7 39.0 39 . 0 39.D 39.4 39.4 79.4 79.4 37.4 39.4 37.7 39.0 39 • D 39.0 39.4 39.4 30.8 30.8 GΕ 37.7 70001 2.7 30.8 37 • 7 37 • 7 39.0 39.0 10.D 10.4 19.4 19.4 19.4 79.4 60001 30.8 30.8 39 . C 30.C G E 30.8 30.8 41.4 50001 45001 32.5 39.7 39.7 39.7 41.1 41.1 32.5 32.5 32.5 41.4 41.4 41.4 41.4 G F 2.7 33.2 35.6 33.2 33.2 4 D. 4 40.4 40.4 41.8 41.8 41.8 42.1 42.1 42.1 42.1 40001 2.7 35.6 44.5 44.9 44.9 44.9 44.9 G E 35 . 6 35.6 42.8 42.8 42.8 3,00 45.9 45.9 45.9 47.6 6 E 30001 38.0 39.0 38 • n 38 . D 45.9 45.9 45.9 47.6 47.9 47.9 47.9 47.9 47.9 6 F 21001 50.7 53.4 50.7 53.4 50.7 50.7 60.6 64.4 67.3 62.7 62.7 62.7 62.7 66.4 60.6 60.6 62.3 62.3 62 • 7 66 • 4 50001 3.1 53.4 66.1 66.4 66.4 64.4 64.4 66.1 66.4 53.4 67.5 65.4 65.4 67.5 GΕ 100381 3.1 53.8 5 3 . 8 53.8 65.4 67.1 67.1 67.1 67.5 15001 54.8 69.8 54.8 67.1 68.8 68.8 69.2 69.2 6 F 3.1 54.8 54.8 92.2 82.2 87.0 87. G F 10001 3.1 65.4 65.4 65.4 83.6 83.9 83.9 87.0 A7.0 87.3 87.3 87.3 87.3 GE 9001 7.1 66.1 66.1 66.1 66.1 84.2 85.6 84.6 86.0 84.6 86.0 88.0 A8.0 8 P . O 88.4 88.4 98.4 88.4 88.4 100 A 66.8 66.8 89.4 89.4 89.7 89.7 99.7 89.7 89.7 66 . 8 66.8 G E 700 66.8 66 . 8 66.8 A 7. 3 87.7 87.7 91.8 91.8 91.9 92.1 92.1 92.1 92.1 92.1 88.4 6001 93.5 93.5 93.5 GE 67.1 67.1 93.5 3.1 67.1 67.1 88. D 88.4 67.1 94.5 94.5 94.5 5001 67.1 88.4 88.7 88.7 93.8 93.8 89.4 94.9 96.9 96.9 4001 3.1 67.1 67.1 67.1 67.1 89.0 89.4 94.9 95.9 96.6 96.9 96.9 GE 89.4 95.5 97.3 97.6 GE 3001 3.1 67.1 67.1 67.1 67.1 89. D 96.6 97.6 95 5 96.9 98.3 G € 1001 3.1 67.1 67.1 67.1 67.1 89. D 89.4 89.4 95.5 95.5 96.9 97.9 98.3 98.3 98.3 100.0 GF 01 3.1 67.1 67.1 67.1 67.1 89.D 89.4 98.3 100.0 89.4 95.5 93.5 96.9 97.9 7.80 98.3

GLOBAL CLIMATOLOGY BRANCH USAFETAC

#### PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIPILITY FROM FOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

PERIOD OF RECORD: 78-87 STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR HONTH: SEP HOURS (LST1: 1200-1400 VISIBILITY IN STATUTE MILES CEILING GE GE 3 2 1/2 GE 5 GE GE GE 2 1 1/2 1 1/4 IN | GE FEET | 10 6E 174 1/4 5/8 1/2 5/16 6 NO CETE | 3.5 21.4 100001 30 25 • 3 25 • 3 25 • 3 25.3 25.3 25.3 25.3 25.3 25.3 GE 180001 23.5 23.5 23.5 23.5 23.5 25.3 25.3 25 · 3 25 · 3 25.3 25.3 25.3 25.3 25.3 25.3 25 · 3 25 · 3 25.3 25.3 25.3 4.6 23.5 4.6 23.5 GE 140001 23.5 25.3 25.3 25.3 25.3 25.3 25.1 25.3 GE 12nnnl 25.3 25.3 25.3 4.6 23.5 23.5 23.5 25.3 25.3 25.3 25.3 25.3 18.6 58.€ 35.8 35.8 35.8 39.6 38.6 GE 100001 35.8 38.6 . 5 . 6 38.6 38.6 39.6 39.6 35.8 38.6 38.6 ₹8.6 38 . 6 39.6 39.6 38.6 GE 90001 4.9 35.8 35.8 35 . 8 38.6 34.6 GE 80001 4.9 35.8 35.8 35.8 35 • 8 35 • 8 35.8 35.8 38.6 38.6 38.6 38.6 38.6 38.6 38.6 38.6 38.6 7000 l 35.8 38.6 38.6 38.6 GE 38 . 6 G E 60001 4.9 38 . 9 34.9 18.9 38.9 ₹4.9 38.9 18.9 39.3 39.3 39.3 GE 5000 l 4500 l 36.5 39.3 39.3 39.3 30 . 7 39.3 19.1 36.5 36.5 36 . 5 39.3 39.3 47.8 42.8 37.5 GE 4.9 37.5 37.5 46.4 40.4 40.4 40.4 40.4 49.4 43.4 40.4 40.4 37.5 40.4 40001 4.9 39.6 39.6 39.6 39.6 42.8 42.8 42.8 42.8 42.8 42.A 42.8 42.8 42.B 42.4 39.6 39.6 42.8 42.8 46.0 42.8 46.0 42.8 42.B 42.8 42.8 35 0 0 L 4.9 42.8 42.8 42.6 46.0 GE 25001 65.3 65.3 65.3 70.2 10.2 10.2 79.2 70.2 72.6 70.2 10.2 70.2 70.2 72.6 70.2 20001 6.0 67.7 72 • 6 76 • 8 72.6 76.8 72.6 72.6 72.6 GE 67.7 72.6 72.6 72.6 72.6 70.5 10.5 70.5 70.5 76.8 76.8 74.9 16.8 76.8 75.8 GE 18001 6.0 76.8 76.8 76.8 71.9 71.9 71.9 71.9 79.9 90.9 79.7 78.9 90.9 15001 6.0 78.9 78.9 78.9 78.9 79.9 78.9 79.9 78.9 90.9 90.9 12001 6.0 90.9 90.9 90.9 90.9 90.9 93.9 9.0.0 9.0.4 10001 80.4 80.4 80.0 80.4 93.3 93.7 93.7 9001 94.0 94.0 GE 6.0 80.4 94.C 94.4 94.4 94.4 C4.4 94.4 24.4 94.4 94.4 6001 83.4 95.1 95.1 83.4 80.4 94.7 95.1 91.1 95.1 95.1 95.1 6.0 95.1 G.E 7001 6.0 90.4 80.4 80.4 95.4 96.8 97.9 97.9 6001 6 . C 90.4 90.4 80.4 80.4 96.1 96.1 96.1 97.9 97.9 97.9 5001 80.4 80.4 97.9 GE 5 . C 80.4 83.4 96.1 96 . 1 96.1 98.2 99.2 98.2 98.2 98.2 94.2 98.2 99.6 99.6 4001 93.7 87.7 80.7 87.7 96.8 99.3 99.3 99.6 96.8 96.8 98.6 99.6 99.6 fs f 3001 6 . D 80.7 80.7 911 - 7 80.7 96.8 96.8 96. 9 98.6 99.3 99.3 99.6 99.6 99.6 99.6 99.6 99.3 2001 80.7 80.7 80 . 7 80.7 99.3 99.6 100.0 100.0 6.0 96.8 96.8 96.8 98.6 100.0 100.0 GE 1001 90.7 99.3 100.0 GE 01 6.0 A 3. 7 80.7 80.7 80.7 96.8 98.6 99.3 99.1 99.6 100.0 100.0 96 .8 130.0 170.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC

#### PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 78-87 VISIBILITY IN STATUTE MILES MONTH: SEF HOURS (LST): 1500-1700 CEILING I GE GE GE 6 5 GE GE 3 GE GE GE 2 1 1/2 1 1/4 GE 6 € FEET I 3 2 1/2 10 3/4 1/2 1/16 NO CEIL | 3.4 17.7 17.7 17.7 17.7 18.4 18.4 19.1 19.1 12.1 19.1 19.1 18.4 19.1 19.1 GE 200001 3.4 73.5 20.5 20.8 21.5 21.5 21,5 22.2 20.8 22.2 22.2 22.2 22.2 22.2 22.2 24.2 22.2 22.2 22.2 20.5 22.2 22 • 2 22 • 2 22 • 2 22.2 22.2 22.2 GE 180001 3.4 20.8 20.8 21.5 21.5 21.5 22.2 22.2 22.2 22.2 20.5 20.5 20.5 20.8 GE 160001 GE 140001 20.5 20.5 20.8 21.5 21.5 21.5 22.2 22.2 72.2 22.2 22.2 21.5 20.8 GE 120001 20.5 21.5 GE 100001 4.4 30.0 37.0 30.4 37.4 32.4 32.4 32.4 33.4 33.4 3 7 . 4 13.4 33.4 11.4 GE 90001 4.4 30.0 30.0 30.4 30.4 32.4 32.4 32.4 33.4 33.4 33.4 33.4 13.4 35.4 35.4 33.4 33.4 33.4 33.4 33.4 33.4 10008 30.4 32.4 70001 30.0 30.4 4.4 30.0 30.4 32.4 32.4 33.4 33.4 33.4 60001 53 + 4 33.4 GE 5000 ( 5 . 1 31.4 31.4 31.7 31.7 33.8 33.8 33.8 34.8 54 . R 34,9 34.8 32.1 36.5 37.5 5.5 32.1 32.4 36.9 34.5 34.5 39.2 35.5 35 • 5 40 • 3 35.5 35.5 40.3 35.5 40.3 35.5 47.3 40.1 GE 45001 32.4 34.5 15.5 36.9 40031 40.3 39.2 41.6 GE 35 an 1 6.1 37.5 37.9 40.6 40.6 45.4 41.6 41.6 41.6 30001 6.5 42.3 42.3 42.7 € E 46.4 46.4 46.4 46.4 46.4 46.4 46.4 25001 72.7 72.7 67.2 67.2 67.6 71.7 71.7 71.7 72.7 72.7 G€ 10003 72,7 72.7 73.0 73.0 77.5 7 P . P 78.8 78.8 80.5 74.7 78.5 GE 18001 7.8 74.4 74.4 74 . 7 79.2 79.2 79.5 80.5 90.5 80.5 80.5 83.5 87.5 40.5 15001 84.0 35.3 85.3 84.3 94.9 85.3 95.9 P5 . 3 **85.3** GE 12001 7.8 86.3 86.3 86.7 86.7 94.5 94.5 95.4 GE 10001 87.0 95.2 96.9 96.9 94.9 7.8 87.0 87.4 87.4 95.2 95.6 96.9 96.9 96.9 96.9 GE 9001 87.7 98.0 98.9 94.C 7.8 87.7 98.0 98.0 88.1 88.1 96.6 98.0 98.0 90.0 96.2 96.2 8001 88.1 88.4 96.9 99.3 98.3 98.5 98.3 98.3 99.6 99.0 7001 98.6 99.3 9A.6 GE 7.8 88.1 88.1 98.4 88.4 96.6 96.6 98.6 98.6 98.6 98.6 99.0 GE 6001 99.0 GE 5001 7.8 98.1 88.1 88.4 96.9 97.3 99.3 99.3 99.3 99.3 99.3 99.3 97.3 94.3 88.4 96.9 7.8 7.8 88.1 88.1 88.4 88.4 97.6 91.6 97.6 97.6 97.6 GF 4001 88.4 98.0 100.0 100.0 100.0 100.0 100.0 100.0 199.0 100.0 3001 GE 88.4 98.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 1:0:0 7.8 7.8 2001 8 8 . I 88.1 88.4 88.4 97.6 98.0 100.0 100.0 100.0 100.0 100.0 1001 97.6 97.6 98.0 88.1 88.4 100.0 100.0 100.0 100.0 88 . 4 100.0 100.0 100.0 100.0 97.6 88.4 97.6 98.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

## PERCENTAGE FREQUENCY OF OCCURATIONS FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

STATION NUMBER: 260630 STATION NAME:						LENI	NG RAD U	\$ 5 R				PEPIOD OF RECORD: 78-87						
			-										MUMIF			(L < 11;		
	 IL ING		• • • • •	• • • • • • •	•••••	• • • • • • • •	• • • • • •	•••••			IN STATE			· · · · · · ·	• • • • • • •	• • • • • • •	• • • • • • •	••••••
	IN	1	GE	GE	GE	GE	GΕ	GE	GE	GF.	GF	GE GE	, (E	6 r	G£	30	GE	GE
	EET	- ;	10	6	5	4		2 1/2		1 1/2		1	1/4	5 / A	1/2	5/16	1/4	G.
		1												•				
• • •		• • •	••••	• • • • • • • •	•••••												• • • • • • •	
N O	CEIL	ł	3.8	21.5	21.5	21.5	21.5	22.1	22.1	22.1	22.1	22.1	27.1	22.1	22.1	22.1	22.1	22.1
GF	2000	01	4.2	24.6	24.6	24.6	24.6	25.3	25.3	25.3	25.3	25.3	21.3	25.3	25.3	25.3	25.3	25.3
	1800		4.2	24.6	24.6	24 . 6	24.6	25.3	25.3	25.3	25.3	25.3	25. 1	75.3	25.3	25 - 3	25.3	25.3
	1600		4.2	24.6	24.6	24.6	24.6	25.3	25.3	25.3	25.3	25.3	20.1	25.3	25.3	25 • 3	25.3	25.3
	1400		4.2	24.6	24.6	24 • 6	24.6	25.3	25.3	25.3	25.3	25.3	25.3	25.5	25.3	25.3	25.3	25.3
GE	1200	σi	4.2	24.6	24.6	24 . 6	24.6	25. 3	25.3	25.3	25.3	25.3	25.7	25.3	25.3	25.3	20.3	25.3
								-	_									
GΕ	1000	0	5.5	36.7	36.7	36.7	36.7	38.4	38.4	38.4	38.8	30.8	30.9	78 • 8	39.4	7A . B	3 A . A	36.6
GE	900	01	5 • 5	36.7	36 . 7	36 • 7	36 • 7	38.4	38.4	38.4	38.8	38.8	30.0	8. A .	3A . A	₹6.9	3 ₽ . 0	38 - 8
G E	800	01	5.5	36,7	36 • 7	36 • 7	36 • 7	38.4	38.4	38.4	38.8	78.8	3 P . A	18 . 8	30.8	7 A . d	34.8	10.0
GE	700	۱٥	5.5	36.7	36.7	36 • 7	36.7	38.4	38.4	38 • 4	39.9	38.8	3 P . A	38.8	58.8	₹8.8	38.8	36.8
GE	600	0 (	5.5	36.7	36.7	36 • 7	36 • 7	38.4	38.4	38.4	3 A • B	₹8 • 8	30.0	7 <b>9 .</b> A	19.R	8.8	39.8	3 R • R
GΕ	500	01	5.9	37.4	37.4	37.4	37.4	39.1	39.1	39.1	39.4	39.4	39.4	39.4	37.4	19.4	37.4	39.4
G E	450	٦1	5.9	78.8	38.8	38 • 8	38 • 8	40.5	40.5	40.5	40.8	40.8	40.8	40.3	4 () . R	43.8	40.B	46.0
Ģ €	4 C Q		5.9	41.2	41.2	41.2	41.2	42.9	42.9	42.9	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE	350		5.9	43.6	43.6	43.6	43.6	45.3	45.3	45.3	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
ĿΕ	3 C U	<b>3</b> [	6.6	47.4	47.4	47.4	47.4	49.5	49.5	49.5	49.8	49.8	40.8	49.A	49.8	49.8	49.8	49.8
GF	250	01	6.6	70.9	70.9	70.9	70.9	73.7	73.7	73.7	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GΕ	500	01	6.9	73.7	73.7	73.7	73.7	76.5	76.5	76.5	77.2	77.2	17.2	77.2	17.2	11.2	77.7	11.2
GE	180		7.3	75.1	75.1	75 • 1	75.1	78.2	78 • Z	78 • Z	79.2	79.2	79.7	19.2	19.2	79.2	79.2	79.2
6 E	150		7.3	77.9	77.9	77.9	77.9	81.7	91.7	81.7	82.7	92.7	97.7	R2.7	92.7	92.7	92.1	A 2 . 1
GE	12C	0 1	7 . 3	95+8	85.8	85 • 8	85.8	91.0	91.5	91.0	92.4	92.7	97.7	92.1	92.7	92.7	92.7	92.7
GΕ	100		7.3	86.5	86.5	96 • 5	86.5	92.4	92.4	92.4	93.8	94.1	94.1	24.1	94.1	94.1	94.1	94.1
GE	90		7.3	B7.2	87.2	87.2	87.2	93.1	93.1	93.1	94.5	94.8	94.9	94.8	94.5	94.8	94.8	94.9
GE	80		7.3	87.9	87.9	87.9	87.9	94.8	94.8	94.8	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5
e E	70		7.3	98.6	8 4	88.6	88.6	95.8	95.8	95.8	97.6	97.9	77.9	97.9	97.9	97.9	97.9	97.9
GE	60	0 1	7.3	88.6	8 R . 6	88.6	88.6	95.8	95.8	95.8	97.9	98.3	90.3	4A.3	78.3	98.3	98.3	98.3
GE	50	- •	7.3	38.6	88.6	88.6	88.6	96.2	96.2	96.2	98.3	98.6	90.5	98.6	98.6	98.6	98.6	98.6
GE	40		7.3	98.9	88.9	88.9	88.9	96.9	96.9	96.9	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7
GE	301		7.3	98.9	89.9	88.9	88.9	96.9	96.9	96.9	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7
GE	20		7 . 3	98.9	88.9	88.9	88.9	96.9	96.9	96.9	99.□	99.3	90.3	99.7	99.7	99.7	99.7	100.0
G €	1 (1	0 (	7.3	98.9	98.9	88.9	88.9	96.9	96.9	96.9	99.0	99.3	99.3	99.7	99.7	99.7	99.7	100.0
GE		0 1	7.3	88.9	88.9	98.9	88.9	96.9	96.9	96 • 9	99 • D	79.3	90.3	99.7	99.7	99.7	99.7	100.0
• • •	• • • •	• • •	• • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • •	•• • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • • • • • • • •

## PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VINIBILITY FROM HOURLY OBSERVATIONS

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					ON NAME:							MONTH		HOURS	CLSTI: ,		
	LING	••••	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	••••••			IN STATE			• • • • • • •		• • • • • • •	• • • • • • •	• • • • • • • • • • • •
T I		GE	GE	GE	GÉ	GΕ	GE	GE	GE	GE	GE	GE	Gŧ	G€	GF	6€	Lf
FÊI		10	6	5	4		2 1/2	2	1 1/2	1 1/4	1	3/4	5 Ì 8	1/2	5/16	1/4	ú
				• • • • • • •				• • • • • •	• • • • • • •	• • • • • •		• • • • • •	• • • • • • •	• • • • • • •			
NO 1	CEIL I	. 7	23.6	23.6	23.6	23.6	27.6	27.6	27.6	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9
GE.	100001	. 7	24.6	24.6	24.6	24.6	29.0	29.0	29.0	29.3	24.3	27.3	29.3	29.3	29.3	29.3	29.3
GΕ	180001	. 7	24.6	24.6	24.6	24.6	29.0	29.0	29.0	29.3	29.3	29.3	29.3	29.3	29.3	22.3	29.3
GE	160001	• 7	24.6	24.6	24.6	24.6	29.0	29.0	29.0	29.3	29.3	29.3	29.3	29.3	79.3	29.3	79.3
GΕ	140001	. 7	24.6	24.6	24 . 6	24.6	29.0	29.0	29.0	29.3	29.3	29.3	29.3	29.3	79.3	29.3	29.3
GE	120001	. 7	24.6	24.6	24 . 6	24.6	29.0	29.0	29. D	29.3	29.3	23.3	27.3	29.3	29.3	29.3	29.3
6 E	100001	. 7	35.4	35.4	35 • 4	35.4	41.1	41.1	41.1	41.8	41.8	41.8	42.1	42.1	42.1	42.1	42.1
GE	90001	. 7	35.4	35.4	35 . 4	35.4	41.1	41.1	41.1	41.8	41.8	41.9	42.1	42.1	42.1	42.1	42.1
GE	80001	. 7	35.4	35.4	35 . 4	35.4	41.1	41.1	41.1	41.8	41.8	41.9	42.1	42.1	42.1	47.1	42.1
GE	70001	. 7	35.4	35.4	35.4	15.4	41.1	41.1	41.1	41.8	41.8	41.0	42.1	42.1	42.1	42.1	42.1
GE	60001	. 7	35.4	35.4	35 . 4	35.4	41.1	41.1	41.1	41.8	41 . R	41.9	42.1	42.1	42.1	42.1	42.1
GE	50001	1.0	38.7	38.7	38.7	38.7	44.4	44.4	44.4	45.1	45.1	4 c . 1	45.5	45.5	45.5	46.5	45.5
GΕ	4500	1.0	39.7	39.7	39 • 7	39.7	45.8	45.8	45.8	46.5	46.5	46.5	46.8	46.9	46.8	46.6	46.8
GE	40001	1.0	42.1	42.1	42 • 1	42.1	48.5	48 • 5	48.5	49.2	49.2	49.2	49.5	49.5	49.5	49.5	49.5
GE	35 oo l	1.0	44.8	44.8	44.8	44.8	51.2	51.2	51.2	51.9	51.9	51.7	52.2	52.2	52.2	52.2	62.2
G E	30001	1.0	47.8	47.8	47.8	47.8	54.2	54.2	54.2	54.9	54.9	54.7	55.2	55.2	55.2	55.2	55.2
GE	25001	1.0	65.7	65.7	65.7	65.7	73.4	73.4	73.4	74.1	74.4	74.4	74.7	74.7	74.1	74.7	74.7
GE	20001	1.0	69.0	69.0	69.0	69.0	78 - 5	78.5	78.5	79.1	79.8	79.8	80.1	80.1	80.1	80.1	A D . 1
ĞĒ	18001	1.0	70.4	73.4	70.4	70.4	79.8	79.8	79.8	80.5	81.1	91.1	81.5	81.5	61.5	81.5	61.5
G E	15001	1.0	72.4	72.4	72.4	72.4	81.8	81.8	81.8	02.5	a 3 . 2	83.2	93.5	83.5	45.5	83.5	P 3.5
GE	12001	1.0	78.1	78.1	78 - 1	78.1	88.9	88.9	88.9	89.9	90.6	91.6	90.9	93.9	90.9	90.9	90.9
GE	10001	1.0	78.1	78.1	78 - 1	78.1	90.6	90.6	90.6	91.7	92.6	92.6	92.9	92.9	92.9	97.9	92.9
GE	9001	1.0	78.1	78.1	78.1	78.1	90.9	90.9	90.9	92.3	92.9	92.3	93.3	93.3	93.3	93.3	93.3
GE	8001	1.0	78.8	78.8	78.8	78.8	92.9	92.9	92.9	94.3	34.9	91.9	95.3	75.3	75.3	95.3	35.3
GE	7001	1.0	90.1	87.1	80.1	80.1	94.9	94.9	94.9	96.3	97.C	97.7	97.3	97.3	27.3	97.3	97.3
ĞĒ	6001	1.0	90.1	80.1	80.1	80.1	95.3	95.3	95.3	96.6	97.3	97.3	97.6	97.6	97.6	97.6	47.6
			_														
GE	5001	1.0	80.1	80.1	80.1	80.1	95.6	95.6	95.6	97.6	98.3	94.3	98.7	98.7	78.7	98.7	98.7
GE	4001	1.0	90.1	80.1	80.1	1.03	96.0	96.0	96.0	98.0	98.7	99.7	99.0	99.0	99.0	99.0	94.0
GE	3001	1.6	80-1	80.1	1.08	60.1	96.0	96.0	96.0	98.0	98.7	98.7	99.0	99.0	٠9.g	99.0	49.D
GE	200 ( 100 (	1.0	80-1	80.1	80.1	80.1	96.0	96 •0	96.0 96.0	98.0 98.0	99.7	98.7 99.7	99.0	99.0	99.0	99.0	99.0
υę	1001	1.0	RO.1	80.1	80.1	80.1	96.0	96 • 0	40. U	¥8 • iJ	98.7	77.7	44.0	99.0	99.7	99.7	190.0
GE	01	1.0	80.1	80.1	8C • 1	80.1	96. D	96 • 0	96.0	98.0	98.7	99.7	99.0	99.0	99.7		100.0

### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VINIBILITY FROM HOURLY OBSERVATIONS

							NG RAD U					MONTH	· str		CCCT1:	ALC	
	LING	••••	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	•••••		RILITY				• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	
FE	N I ET I	6E 10	€ G€	6 E 5	G E 4		6€ 2 1/2	G € 2	Gr 1 1/2	GE 1 1/4	GE 1	5 E 3 / a	6! 578	21.5 21.5	6F • 715	5E 174	C.F.
	CEIL I	1.6	22.8	22.8	22.9	22.9	26.7	26.7	26.7	27.5	21.1	21.9	27.3	27.9	28.1	29.2	28.5
GF	Lonnos	1.9	24.7	24.7	24.8	24.8	28.7	28.7	28.7	29.5	29.7	29.8	*0.C	30.0	13.4	37. 1	10.
	180001	1.9	24.7	24.7	24.8	24.8	78.7	28.7	28.7	29.5	29.7	29.4	30.0	30.0	10.1	37.3	* u • ft
GΕ	160001	1.9	24.7	24.7	24.8	24.8	28.7	28.7	28.7	29.5	29.7	20.0	•n.o	10.0	*3.1	50.3	71.00
GE	140001	1.9	24.7	24.7	24 . 8	24 . 4	28.7	28.7	28.7	29.5	29.7	29.0	10.3	13.3	73.1	30.1	10.0
G E	120001	1.9	24.7	24.7	24 - 8	24.8	28.7	28.7	28.7	29.5	29 • 7	27.9	30+0	30.0	.3.1	1-1	U
c F	100001	2.3	33.6	33.6	33.7	33.7	39.3	39.3	39.3	40.6	40.9	47.4	41.2	41.2	41.5	41.5	41
GE	90001	2.3	33.6	33.6	33.7	33.7	39.3	39.3	39.3	40.6	40.9	47.9	41.2	41.2	41.3	47.5	41.6
GE	80001	2 . 3	33.6	33.6	33 • 7	33.7	39.3	39.3	39.3	40.6	40.9	40.3	41.2	41.2	41.5	41.4	41.0
GE	70001	2.3	33.6	33.6	33.7	33.7	39.3	39.3	39.3	40.6	40.9	47.0	41.2	41.2	41.3	41.	41
GE	60001	2.3	33.7	33.7	33.8	33.8	39.3	39.3	39.3	40.7	40.9	41.7	41.2	41.3	41.4	4 i • "	41
GΕ	50001	2.5	25.2	35.2	35.3	35.3	46.9	40.9	40.9	42.3	42.5	47.6	42.A	42.9	43.0	41.1	45.6
6.5	45001	2.5	35.9	35.9	36 . 0	36.0	41.7	41.7	41.7	43.0	43.3	4 5 . 4	41.0	41.7	43.8	47.0	44.3
6 E	45001	2.6	38.6	38.6	38 • 7	38.7	44.8	44.8	44.8	46.2	46.4	46.5	46.7	45.9	46.9	47.1	47.4
GE	35001	2.6	39.9	39.9	39.9	39.9	46.2	46.2	46.2	47.6	47.9	48.0	48.7	48.	44.3	48.5	48.8
GE	30001	2.8	42.4	47.4	42.5	42.5	49.2	49.2	49.2	50.6	50.A	50.9	51.1	51.2	64.5	5.1.4	. 1 . 3
GF	25001	3.0	6G.8	6 C . 8	60.9	60.9	68.8	68.8	68.8	10.4	70.7	77.9	71.0	71.0	11.2	71.3	71.6
GΕ	20001	3.1	63.5	63.5	63.6	63.6	72.1	72.1	72.1	73.7	74.1	14.2	74.5	74.5	74.6	74.A	7 . 1
GΕ	19001	3.2	64.7	64.7	64.8	64.8	73.7	73.7	73.7	75.4	75.8	75.9	76.1	16.2	76.5	76.4	76.8
6€	15.001	3.2	66.8	66.8	66.9	66.9	76.4	76.4	76.5	78.2	78 . 6	79.6	79.9	78.7	79.1	19.2	74.4
GE	12001	3.2	73.9	73.9	74.0	74.0	86.4	86.5	86.5	88.5	89.C	1.58	A Q . 4	89.4	A9.5	69.7	90.j
GE	10001	3.3	74.8	74.8	74.9	74.9	88.5	88.5	88.6	90.9	91.3	91.5	91.5	31.9	92.3	92.1	ç
(·E	9001	1.3	75.1	75.1	75.2	75.2	89.0	89.0	89.1	91.4	91.9	92.0	92.3	92.3	92.5	92.6	92.9
G.E	1009	3 . 3	75.6	75.6	75.7	75.7	90.2	90.3	90.3	92.6	93.1	91.2	21.5	93.6	93.7	91.8	94.2
G.E	7001	3.3	76.0	76.0	76 . 1	76.1	91.3	91.3	91.3	94.1	94.6	94.7	25.0	25.1	95.2	45.4	95.7
ĞΕ	6001	3.3	76.1	76.1	76.2	76.2	91.8	91.8	91.9	94.8	95.4	95.5	38.4	95.9	6.95	96.2	96.5
GE	5001	3.3	76.1	76.1	76.2	76.2	92.1	92.1	92.2	95.4	96.C	96.1	96.6	96.7	96.9	97.0	5.7.4
GE	4001	3.3	76.2	76.2	76.3	76.3	92.8	97.8	92.9	96.3	96.9	97.2	97.3	98.0	98.1	98.3	98.7
GE	3001	3.3	76.2	16.2	76 . 3	76.3	92.8	92.8	92.9	96.3	97.1	91.4	98.1	98.3	98.5	94.6	79.1
GE	2001	3 - 3	76.2	76.2	76.3	76.3	92.8	92.9	92.9	96.4	97.2	97.5	98.3	28.5	98.6	98.8	99.4
GE	1001	3.3	76.2	76.2	76 • 3	76.3	92.8	92.9	92.9	96.4	97.2	97.5	74.3	98.5	9.8	99.0	100.0
G F	cı	3.3	76.2	76.2	76.3	76.3	92.8	92.9	92.9	96.4	97.2	97.5	98.3	98.5	98.8	99.0	1~6.0

#### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM FOURLY OBSERVATIONS

PEPICO OF PECORD: 77-86 STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR MONTH: OCT HOURS (LST): DCDD-0200 . . . . . . . . . . . . . . . . VISTRILITY IN STATUTE MILES
GE GE GE GE GE
2 1 1/2 1 1/4 1 3/4 CFILING 30 30 I GE E 6E 5 G€ Gf GE 3 2 1/2 10 5/P 1/2 5/16 1/4 0 \*\*\*\*\* NO CETE 1 30.0 31.0 27.0 27.0 27.3 27.3 3n. 0 30.0 31.0 31.0 31.7 31.7 12.0 32.0 32.0 27.7 27.7 32.7 GE 200001 12.7 28.0 30.7 30.7 30.7 31.7 31.7 31.7 32.3 32.3 32.7 28.0 27.7 28.0 32.3 32.7 GE 180001 30.7 30 · 7 30 · 7 30 - 7 31.7 31.7 31.7 32.3 32.7 6E 160001 27.7 27.7 28 • 0 28 • 0 28.0 30.7 30.7 31.7 31.7 31.7 32.3 32 • 3 32.7 32.7 32.7 32.7 GE 140001 28.0 30.7 30.7 31.7 32·3 32.7 30.7 32.3 32.7 6E 120001 28.0 28.0 30.7 30.7 31.7 30.7 41.0 GE 100001 35.0 35.0 35.3 35.3 39.3 39.3 40.3 40.3 47.3 41.0 41.3 41.3 41.3 90001 35.0 35.0 35 . 3 39.3 39.3 39.3 39.3 40.3 40.3 40.3 40.3 40.3 G E 41.0 41.0 41.3 41.3 41.3 41.0 80001 35.0 39.3 41.3 41.0 41.0 35.0 35.3 39.3 72001 35.0 35 . 3 39.3 39.3 40.3 40.3 41.3 41.3 41.0 35.0 35.0 4 n . 3 40.3 GE 50001 35.7 35.7 36 . J 36.3 40.3 41.3 41.3 41.3 42.0 42 • g 42.3 42.3 42.7 40.3 40.3 41.0 41.0 41.0 44.7 42.0 42.0 47.0 42.7 45.001 36.3 36.3 36 . 7 36 . 7 42.7 43.0 45.0 4 5 . 3 4 D . D 40.3 40001 40.3 40.0 45.7 48.0 47.0 46.3 46.7 35.00 40.7 41.3 46.0 46.0 46.0 47.0 47.0 47.3 47.7 48.3 52.3 43.7 51.3 30001 43.7 44.3 44.3 50.0 50.0 50.0 51.3 51.3 52.0 52.0 52.3 54.C 61.7 25001 54.7 54.7 54.0 61.7 64.0 64.3 υ£ 61.7 63.0 63.0 70.3 63.0 63.7 71.0 63.7 64.0 70.3 10635 59.3 59.3 60.3 60.3 71.3 71.3 71.7 71.0 1900| 1500| 71.3 74.7 19.7 6.5 61.3 61.3 62.3 62.3 71.3 71.3 73.0 73.3 74.0 74.0 74.3 74.3 79.3 64.3 79.0 79.0 79.3 65.3 76.3 76.3 78.0 78.3 64.3 66.0 76.3 12001 70.0 70.3 71.7 72.3 86.0 87.0 87.0 87.3 87.3 87.7 (, F 10001 71.7 72.0 12.0 73.7 74.3 87.3 87.7 87.7 89.7 90.0 20.7 91.3 91.3 90.0 90.7 91.0 91.0 fi F 9001 71.7 73.7 74.3 48.D 90.7 92.0 88.3 99.3 91.3 93.0 91.7 88.3 91.7 9001 71.7 72.0 45. Ö 89.3 92.3 97.3 93.0 93.7 74.0 74.7 94.3 6 F 7001 72.3 74.7 99.7 0.00 90.0 92.7 93.3 94.0 94.0 94.3 96.0 €0c1 91.0 95.0 96.0 71.0 94.3 95.0 is E .001 72.7 73.0 74.7 75.3 91.3 91.7 91.7 96.0 97.3 96.€ 96.7 97.0 97.0 96.7 4001 12.7 12.7 13.0 73.0 91.7 92.0 92.0 92.3 92.3 96.3 97.3 98.0 98.3 98.3 G F 74.7 75.3 98.0 98.7 75 - 3 97.3 98.7 74.7 98.3 G E 2001 73. (. 73.3 75 -0 15.1 92.0 92.3 97.7 97.7 98.3 98.3 98.7 98.7 99.7 1001 73.0 73.3 75.0 75.7 92.0 92.3 100.0 6 E 92.7 96.7 97.7 97.7 98.3 98.3 99.0 99.0 75.0 92.G G F 31 75.0 73.3 92.3 92.7 97.7 97.7 98.3 96.7 98.3 99.0 99.0 100.0

TOTAL NUMBER OF ORSERVATIONS:

100

### PERCENTAGE FREQUENCY OF OCCUPRENCE OF CFILING VERSUS VISIPILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PEOLOD OF PECOPD: 77-85 MONTH: CCT HOURS (LST): 0300-0500 ILING VISIBILITY IN STATUTE MILES IN | GE FEET | 10 6E 5716 C.f 1/4 5/8 1/2 25.2 25.2 25.2 .5.8 25.8 26.1 26.1 22.9 25.2 25.2 26.1 NO CETL 1 23.2 23.2 23.2 25.2 76.8 26.8 23.9 26.1 21.1 27.1 GE 200001 24.2 24.2 24.2 26.1 26.1 26.1 76.1 26.9 27.1 21.1 26.9 27.1 26.1 26.1 24.1 27.1 GE 180001 23.9 24.2 24.2 24.2 26.1 26.1 26.1 24.2 24.2 26 • 1 26 • 1 24.1 26.8 26.8 26.8 77.1 27.1 27.1 27.1 GE 16000 24.2 26.1 26.1 26.1 26.1 GE 140001 23.9 26.1 26.1 26.1 26.1 GE 120001 24.2 76,1 27.1 23.9 26.1 24.1 26.8 37.3 37.6 37.6 37.6 37.6 GE 100001 31.7 31.7 ₹5.9 35.9 35.9 36.3 36.6 36.6 37.3 37.6 17.6 7 7 . 7 37.3 31.7 31.7  $\frac{3}{31.7}$ 31 · 7 31 · 7 35.9 35.9 35.9 35.9 36.6 37.3 GE 96001 31.0 35.9 36 . 3 76.6 36.3 34.6 37.3 37.3 17.6 17.6 SE ACOO! 36 • 6 31.C 35 • 9 36.3 36.3 70001 31.0 31.7 31.7 31.7 35.9 35.9 35.9 15.6 36 • 6 36 • 6 37.3 37.3 11.6 37.3 60001 31.7 35.9 36.6 17.3 17.6 31.C 31.7 31.7 35.9 35.9 50001 37.3 37.9 38.6 38.6 36.9 39.4 44.3 32.4 33.0 33.0 37.3 37.3 33.G 34.3 35.6 34 · 3 35 · 6 34.3 38.6 40.2 38.9 40.5 39 • 2 40 • 8 39.7 39.9 41.5 41.8 45. GE 45001 33.7 38.6 38.6 39.9 43.2 40.2 41.5 41.8 40001 35.0 GE 3500 40.8 40.8 40.8 41.2 41.5 41.5 42.2 42.5 4 . 1 46.1 46.1 41.1 GE 30001 39.2 39.9 39.9 39.9 44.4 44.4 44.4 44.8 45.1 45.8 45.9 25001 50.7 58.2 58.5 58.8 50.9 G E 51.6 52.0 52.0 58.2 58.2 65.0 20001 56.2 56.5 56.5 63.4 63.4 63.4 63.7 64.1 64.4 65.0 45.4 6 . 4 15.4 66.7 72.9 67.0 3.5 67.0 11.0 64.7 70.6 64.7 70.6 65.4 65 • 7 71 • 9 66.0 72.2 18001 55.2 56.2 56.5 56.5 64.7 66.7 1.001 70.6 59.5 . 3 60.5 60.8 60.8 1200 78.1 60.1 PO . 4 AC . 7 91.4 61.4 92.3 8.0 A . . [ 95.0 85.0 μι.. A5.6 86.6 G.F icont 66.3 67.6 68.3 68.6 81.0 81.0 83.7 84 . C 84.3 85.9 A6.6 95.9 •6.€ F6.6 9001 6 E . 3 67.3 68.6 69.3 69.6 82.0 82.0 82.0 83.7 84.6 86.3 95 . D 85.5 8 0 0 I 67.6 69.0 69.6 70.3 83.7 83.7 86.6 9.48 F 7 . 6 87.6 P8.2 54.2 . 3 86.9 88.2 97.5 91.6 44.6 GE 70.01 69.C 70.3 71.2 71.9 86.9 87.3 89.9 90.2 91.2 91.2 91.8 70.3 71.6 5001 69.6 72.2 72.9 89.5 89.5 89.9 25.4 95.4 44.1 ve.1 4001 69.9 71.2 73.5 73.5 96.1 96.1 96.4 96.4 97.4 98.0 98.4 6 H + D G E • ! 72.9 96.5 90.5 90.8 95.1 97.4 90.C 3601 69.9 72.9 95.1 97.7 98.4 . 3 90.5 90.5 90.8 6 F 2001 1001 59.9 72.9 72.9 90.5 90.5 90.8 95.1 96.1 96.4 97.7 97.7 98.4 98 4 36.7 73.5 99.7 100.0 90.5 90.5 90.8 95.1 96.1 96.4 01 99.1 . 3 73.5 90.5 90.5 90.8 95.1 96.1 97.7 97.7 96.4

### PERCENTAGE FREQUENCY OF OCCURPENCE OF CFILING VIRSUS VISIBILITY FROM HOUGLY OBSERVATIONS

PERIOD OF RECORD: 77-86

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

MONTH: OCT HOURS(LST): 0600-0856 VISIBILITY IN STATUTE MILES IN I GE FEET | 10 GE GE GE 6 GE GE 3 2 1/2 6E E E GE GE GE GE 2 1 1/2 1 1/4 5ε 1/2 6f 5715 174 1/4 NO CETE 1 . 3 17.8 17.8 17.8 17.8 20.5 20.5 20.5 21.9 22.2 22.2 22.6 21.2 23. -18.5 GF 200001 18.5 18.5 21.2 21.2 72.9 21.6 . 3 18.5 22.6 22.9 23.2 23.2 23.6 18.5 22.9 22.9 22.9 23.6 GE 180001 18.5 19.5 21.2 23.2 21.6 22.9 . 3 18.5 21.2 23.2 18.5 18.5 18 - 5 18 - 5 21.2 21.2 21.2 22.6 22.9 21.6 23. . GF 160001 . 3 GE 140001 18.5 18.5 18.5 18.5 18.5 18.5 . 3 21.2 21.2 21.2 22.6 22.9 23.2 21.6 6E 120001 22.6 22.9 23.2 23.6 23. -21.2 21.2 21.2 23.2 6E 10000] 23.9 23.9 23.9 23.9 29.3 31 · 3 32.7 31.3 31.3 31.3 32.0 32.0 12.3 32.0 • 3 32.0 32.0 12.3 32.3 32.7 12.7 12.7 13.7 G F 90001 23.9 23.9 23.9 23.9 29.3 29.3 29.3 31.0 32.3 6 F 80001 23.9 23.9 29.3 29.3 23.9 29.3 31.9 31.3 32.0 23.9 70001 23.9 29.3 29.6 31.7 32.0 60001 G E 24.2 24.2 24.2 24.2 29.6 31.3 31.6 31.6 32.3 32.3 32.7 32.7 6.5 scuot 26.3 26.3 26.3 26.3 31.6 31.6 31.6 33.3 33.7 37.7 34 · 3 15.0 34 • 3 34 • 7 34.7 34.7 32 · 0 34 · 7 34.0 35.0 37.7 € F 41001 26.6 26.6 26 • 6 26.6 32.0 32 • C 34.0 15.4 40601 29.0 30.3 29.3 30.6 34 • 7 36 • D 37.4 37.4 tg. b e . 3 34 . 7 36.4 16.7 36.7 37.7 31 eq.1 30.0 3C.0 38.7 36.0 3 P . O 18.7 39.1 19.4 36.0 37.7 38 . D 39.1 12.7 33.3 19.1 10.1 42.1 25 col 25 col 45.5 55.6 55.6 55.9 44.4 44.4 45.1 52.5 52.5 52.5 54.5 54.9 54.9 56.2 50.2 51.2 54.5 . : 49.4 50.8 58.6 58.6 60.9 50 . 5 58.6 60.6 60.9 61.6 63.3 61.6 62.3 62.0 63.6 62.3 64.0 50.8 19001 14001 51.9 ., ( 51.5 60.3 60.3 62.3 62.6 62.6 63.6 6C.3 64.C 76.1 66.0 66 • 3 79 • 5 67.0 £ 7 . 7 5.1 54.9 64.0 64.0 66.3 67.3 61.3 67.3 63.3 72.5 76.1 90.1 80.1 80.5 80.5 9 D . B 11234 66.0 66.7 61.0 67.7 8 U . 5 80.5 83.8 P4 . 2 90.5 1, 1 9.31 A4.5 85.5 P6.2 61.3 69.C P1.1 81.1 A1.1 P4 . A 84.A 95.5 86.2 86.5 67.3 4621 67.6 68.0 A1.5 85.9 R6 . 2 86.2 A6.9 86.9 87.5 87.9 81.5 81.5 91.9 91.9 92.6 ٠, ۶ A 7.1 67.7 69.7 95.5 92.6 93.3 93.6 1, A . 4 69.0 69.4 70.0 86.9 87.5 87.5 93.6 94.3 94.3 94.9 94.9 35.6 95.6 96.4 . . KA. 4 69., 75.3 96.3 69.7 70.4 94.6 89.6 98.6 96.0 96.6 97.0 87.9 96.0 26.6 4 . 31 10 1 : ; 69.4 69.. 70.0 70.7 88.6 95.6 97.0 97.6 97.6 98.3 99.3 98.7 89.2 99.2 96.6 69.3 1 A. 4 10.0 70.7 98.6 89.2 89.2 95.6 96.5 97.0 97.6 97.6 98.5 Y . . . 98.7 ice i 70 . € 70.7 89.2 99.0 99.3 98.6 95.6 96.6 98.0 98.0 99.0 69-0 10.0 10.7 89.2 95.6 i 49.4 69.0 70.U 70.7 F8.6 89.2 89.2 95.5 96.6 97.3 98.0 98.0 99.7 99.7 100.0

THESE NUMBER OF PHOSENVATIONS: 290

### PERCENTAGE FREQUENCY OF OCCURRENCE OF CELLING VERSUS VISIPILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86

MONTH: OCT HOURS(LST): C980-1160

97.3

98.0

99.0

99.0

99.9

97.0

98.3

99.0

99.0

97.3 98.7 99.7

99.7

97.0

99.7

99.7

99.7

97.0 98.7 99.7

100.3 100.3

99.7 100.0

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

CEILING	• • • • • • •	•••••	• • • • • •	• • • • • •	• • • • • • •	•••••	v IS I	BILITY	IN STATE	JTE MILI		• • • • • • •				·
1 /	I GE	GE	GE	GE	GE	GE	G€	GE	GE	GE	6 E	Сŗ	ĢĒ	€₁ E	r. F	o E
FEET	1 10	6	5	4		2 1/2		1 1/2		1	7/4	5 / A	1/2	5716	1/4	ن • • • • • • • •
· · · · · · · · · · · · · · · · · · ·		14.5	14.5	14.5	14.5	16•2	16.2	16.2	16.A	16.5	16.9	16.6	16.9	16.8	16.8	16.6
			• • • •	• • • •	14.5	.0.2	•0 ••		• • •	•	•		• • • •		• • .	• " •
SE 20000	1 1.3	15.8	15.8	15.8	15.8	18.8	18.8	18.8	10.5	19.5	13.5	19.5	19.5	19.5	10.0	19.5
SE 18000	1 1.3	15.8	15.8	15.8	15.8	16.8	18.8	18.8	19.5	19.5	19.5	19.5	19.5	19.5	10.0	19.5
GE 16000	1 1.3	15.8	15.8	15 . 8	15.8	18.8	18.8	18.8	19.5	19.5	19.5	19.5	19.5	17.5	10.0	19.5
SE 14000	1 1.3	15.8	15.8	15.8	15.8	19.1	19.1	19.1	19.8	19.8	19.9	19.9	19.8	17.8	17.8	1 9 . =
F 12000	1.3	15.0	15.8	15.8	15.8	19.1	19.1	19.1	19.8	19.8	10.8	19.8	17.8	19.8	1	1 ** "
SE 10000	1 1.3	24.8	25.1	25.1	25.1	31.0	31.0	31.0	32.5	32.3	32 - 3	22.3	32.3	72.3	37.3	12.1
E 9000	1.3	24.8	25.1	25 • 1	25.1	31. p	31.0	31.0	32.3	32.3	37 . 3	32.3	32.3	72.3	37.3	1 3
E 8000		24.8	25.1	25 • 1	25 - 1	31 • O	31.0	31.0	32.3	32.3	32.3	12.3	32.1	12.3	3.7.7	12.7
£ 7000		24.8	25.1	25 • 1	25.1	31.0	31.0	31.0	32.3	32.3	32.3	32.3	32.3	12.3	32.3	1, 1
2E 60:00	1.3	24.8	25.1	25 • 1	25 - 1	31.0	31.0	31.0	32.3	32.3	37.3	32.3	32.3	72.3	37.3	* • •
SE 5000	1 1.3	25.7	26.1	26 • 1	26.1	32.3	32.3	32.3	33.7	33.7	31.7	31,7	33.7	* 3 . 7	31.7	11.7
E 4500	1.3	26.4	26.7	26 • 7	26.7	33 e D	33.0	33.0	34.3	34.3	34.3	34.3	34.3	34.3	34.5	7 4 . F
E 4000	1.3	28.4	28.7	28.7	28.7	35 · 0	35.0	35.0	36 . 3	36.3	34.3	36.3	36.3	*6.3	34.3	76.3
E 3500	1 1.3	30.7	31.3	31.4	31.4	37.6	37.6	37 • 6	3 A . 9	38.9	38.9	38.9	38.9	78.9	34.9	14. €
E 3000	1 1.3	52.3	32.7	33 • Q	33.0	19.9	39.9	39.9	41.3	41 • 3	41.3	41.3	41.3	41.3	41.1	41.3
SE 2500	1 1.3	44.2	44.6	44.9	45.2	54.1	54.1	54.1	50.0	55.4	45.4	55.4	55.4	55.4	55.4	· · · · ·
E 2000	1.3	48.2	48.5	48 • 8	49.2	59.4	59.4	59.4	60.7	40.7	67.7	60.7	60.1	1.04	57.7	* 0 • 7
E 1900	1.3	50.5	50.8	51.2	51.5	63.7	63.7	63.7	65.0	65.3	65.3	65.3	65.3	45.3	t 5 - 3	15.1
E 1500	1 1.3	54.1	54.5	55 . 1	55.4	68. C	69.3	58.3	69.5	70.0	72.9	70.0	70.3	70.0	70.0	16.3
E 1200	1.3	63.1	60.7	61.7	62.0	76 • 6	76.9	17.2	19.2	79.5	76.5	77.5	19.5	14.5	79.5	*9.5
E 1060	1 1.3	63.0	63.7	65 • 0	65.3	86.9	81.2	B1.5	84.5	84.B	84.8	F4.8	84.4	94.8	A4 . 9	***
900	1.3	63.4	64.0	65.3	65.7	82.5	82.A	83.2	86.5	P6.8	86.9	86.8	86.8	P6.9	46.8	H 5 . H
068 3		63.7	54.4	65.7	66.3	P4.5	84 .8	85.1	88.4	88.8	88.8	98.3	99.8	98.8	да, д	8 P . H
E 700		64.7	65.3	67.0	67.3	P7.8	88.1	88.8	92.4	92.7	97.7	92.1	92.7	92.7	92.7	42.7
GE 600	1.3	65.7	66.3	68.0	68.3	A 9 . 1	89.4	90.1	94.7	95.4	9 t 7	95.7	95.7	95.7	95.7	90.7

91.1

91.4 92.1 92.1

92.1

91.1 92.1 97.7

95.7

96.7

97.7

96.4 97.4

98.3 98.3 98.3

98.3

97.0

38.0

99.0

99.ŋ 99.ŋ

99.0

TOTAL NUMBER OF GREENVATIONS: 303

65.7 65.7 65.7

65.7

65.7

66.3

66.3

66.3

66.3

68.3 68.3 68.3

68.3

68.3

6 R. 3

68.0 68.0

68.0

68 + D 68 + U

68 . C

89.8

90.1 90.8 90.8

90.8

90.8

90.1

9ŋ.4 91.1

91.1

91.1

GE

0 E 0 E

7001 1.3 1001 1.3

ai 1.3

1.3

1.3

5001

4001

3001

## PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VICEPILITY FROM HOURLY OBSERVATIONS

CFILING	Ĺ
The feet   1   10   6   65   65   66   66   66   67   66   66	· · · · · · · · · · · · · · · · · · ·
NO CEIL I 1.7 10.1 16.1 16.1 16.1 16.1 16.4 16.4 16.4 16	, e
6F 180001       1.7       17.7       17.7       17.7       17.7       17.7       17.7       19.1       19.1       19.1       19.7	17.1
66     97001     2.0     25.8     26.8     26.9     26.8     26.8     26.8     26.8     26.8     26.8     26.8     26.8     26.8     26.8     26.8     26.8     26.8     26.8     26.8     26.8     26.8     <	17.7 17.7 19.7 19.7 19.7
68 45001 2.0 30.8 31.1 31.1 31.1 31.1 31.1 31.1 31.1 31	29.4 29.4 29.4 29.4 29.4
OF         20001         2.0         54.5         55.2         55.5         55.5         60.2         60.2         60.2         61.2         71.2         61.2         71.2         61.2         71.2         61.2         71.2         61.2         71.2         61.2         71.2         61.2         71.2         61.2         71.2         61.2         71.2         61.2         71.2         6	31.4 31.4 35.5 36.1 38.8
	. 3.6 61.5 .5.4 71.9
6f 8001 3.3 71.9 73.9 74.2 86.3 88.3 88.5 86.6 92.6 92.6 92.6 92.6 92.6 92.6 92.6 9	6 n . 0 9 C . 0 9 3 . C 9 4 . C 9 7 . C
5f cCCl 3.3 72.9 74.2 74.9 75.3 9C.6 90.6 91.6 91.6 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.1 6E 4601 3.3 73.2 74.6 75.3 75.6 91.6 91.6 92.6 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.3	.7.7 99.3 99.3 99.5 99.5

## PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 260637 STATION NAME: LENINGPAD USSR

PERIOD OF RECORD: 77-66 MONTH: GCT HOURSHISTI: 1507-1700 CEILING VISIBILITY IN STATUTE MILES GE G GE GE 77 2 GE GE GE 2 1 1/2 1 1/4 G F 6 F IN | FEET | 1/2 5716 10 1/4 NO CETE 1 2.7 19.6 19.6 21.6 21.6 21.5 22.6 22.6 22.6 22.6 22.6 72.6 6E 200301 3.0 20.3 20.3 20 . 3 20.3 22.6 22.6 22.6 22.6 22.6 22.6 22.5 22.0 22.6 22.6 22.6 22.6 3.0 3.0 20.3 20.3 20.3 20.3 72.6 22.6 22.6 22.6 22.6 22.6 63.6 72.0 22.0 68 18000 l 22.6 22.6 22.6 6E 160001 22.6 22.5 6E 14000 \* . 0 20.3 20.3 22.6 22.6 6F 120col 20.3 20.3 22.6 22.6 22.6 3.0 20.3 20.3 . . . 28.2 29.2 6F 100001 3.0 24.6 24.6 28.2 20.0 24.6 28.2 24 • 6 24 • 6 28 • 2 28 • 2 28 · 2 28 · 2 28 - 2 28 - 2 28 - 2 28.2 28.2 28.2 28.2 28.2 3.0 3.0 24.6 24.6 24.6 28 • 2 29... 20.2 acop1 28.2 29.2 ACCOL 24.6 24.6 28.2 28.2 3-03 1, 8 24.6 78.2 7000 t 6000 l 20 . 24.6 24 . 6 24.6 28.2 . . . r, ŧ 50001 3.0 25.2 25.2 25.2 78.9 28.9 28.9 28.9 24.9 28.9 29.9 28. . 25.2 28.9 28.9 В О 32 2 37 7 28.9 32.2 33.2 28.9 32.2 33.2 28.9 32.2 33.2 1.0 25.2 25.2 25.2 24.9 28.9 20.9 28.7 28.9 70.9 25.2 28.9 L F 12.2 40001 31001 24.6 78.6 32 • 2 !3 • 2 32.2 :2.2 :3.2 72.2 1.0 29.6 32.2 23.6 29.6 29.6 29.6 34.6 39.2 19.2 14. 25 00 1 3.7 49.8 49.8 49.8 49.3 55.5 55.5 55.5 55.5 55.5 55.6 55.5 55.5 55.5 .... 66.1 59.1 65.1 68.8 56.1 6.5 20601 4.0 59.1 59.1 59.1 66.1 66.1 68.8 66.1 66.1 66.1 68.8 65 • 1 68 • 8 66.1 66.1 1900| 1900| 1500| 61.1 6H . 8 6 A . B 68.8 68.8 60.8 4.0 61.1 61.1 61.1 69.9 74.4 66.1 66.1 75.4 r, r 76.1 76.1 76.1 76.4 76.4 76.4 76.4 76.4 76.4 £5.7 86 · 0 85.7 90.4 92.0 92.0 92.0 91.7 5.0 5.0 5.0 0001 74.4 75.4 75.1 93.5 94.7 93.4 93.4 94.7 95.4 75.4 76.1 91.7 91.7 92.0 93.4 97.4 93.4 94.7 76.7 78.1 79.1 94.7 94.7 76.1 92.1 92.7 93.0 97.3 97.0 '. F 44.7 95.0 96.7 97.0 97.0 95.0 95.3 96.7 97.3 ... 77.4 77.4 95.3 95.3 95.7 97.0 98.0 99.0 75.4 79.1 98.3 94.1 98.3 98.3 98.3 4. 6 4001 3001 2001 ( ) ( ) 96.0 99.7 16.4 16.4 77.4 77.4 74.4 95.0 91.7 99.0 99.3 99.3 99.3 96.3 99.3 99.3 4, 9 77.4 74.4 78.4 99.3 96.0 96.0 96.3 99.0 99.3 39.3 99.3 99. 1 96.0 96.3 9.1 100.0 1 ... 77.4 77.4 74.4 96.0 97.7 99.0 22.9 24.3 100.0 100.0 31 5.0 76.4 77.4 77.4 79.4 30.0 96.0 96.3 97.7 29.0 99.0 29.3 99.7 170.0 100.0 100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC

## PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VIRSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

MATION NUMBER:	260630	STATIO	N NAME:	LENI	NG RAD US	SR				101934	GF REC	UPD: 77	-86		
										HONTE:	001	FOURS	CLST): 1	(800-200	ic
EILING	• • • • • • •	•••••	• • • • • •	• • • • • •	• • • • • • • •						• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •
	C.E	r		6.5				IN STATE							
	OL .	οF	G C	GE	Uξ	G E	9.0	UE	G E	', E	61	GΕ	ut	i, t	GF,
FEET 1 10	6	5	4	- 3	2 1/2	2	1 1/2	1 1/4	1	₹/4	5/8	1/2	5/16	1 74	n

IN	I GE	GE	GΕ	GE	GE	Gξ	GE	GF	GE	GE	5 E	Gŧ	G£	υĒ	6ŧ	Gf.
FEET	1 10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	₹/4	5/8	1/2	1/16	1/4	0
	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •		• • • • • •					
NO CEIL	1 2.3	19.7	19.7	19.7	19.7	21.4	21.4	21.4	22.1	22 • 1	22.1	22.1	22.1	22.1	27.1	ī c • 1
65 20000																
GE 50000		22.1	22.1	22.1	22.1	23.7	23.7	23.7	24.4	24.4	24.4	24.4	24 • 4	24.4	.4.4	24.4
GE 18000		22.1	22.1	22 • 1	22.1	23.7	23.7	23.7	24.4	24.4	24.4	24.4	24.4	24.4	; 4 , 4	24.4
GE 16000		22.1	22.1	22.1	22.1	23.7	23.7	23.7	24.4	24 . 4	24.4	24.4	24.4	24.4	24.4	. 4 . 4
GE 14200		22.1	22.1	22 • 1	22.1	23.7	23,7	23.7	24.4	24.4	24.4	24.4	24.4	74.4	24.4	24.4
GE 12000.	2.7	22.1	22.1	22 • 1	22.1	23.7	23.7	23.7	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
GE 10000	1 3.0	31.4	31.4	31.4	31.4	34.1	34.1	34.1	34.8	34.8	34.9	34.8	34.8	14.8	34.8	* <b>4</b>
GE 9100		31.4	31.4	71.4	31.4	34.1	34.1	34.1	34 • B	34 • 8	34.4	34.8	34 . 8	34.8	34.7 34.8	14.8 34.8
GE angoi		31.4	31.4	31.4	31.4	34.1	34.1	34.1	34 • A	34 • A	34.8	34.8	34.5	34.8	34.A	
GE 7000		31.4	31.4	31.4	31.4	34.1	34.1	34.1	34.9	34 • A	34 . R	34.8	34.8	74.8	34.8	34.8 34.8
GE 6000.		31.4	31.4	31 • 4	31.4	34.1	34.1	34.1	34.8	34 . 8	34.0	34.8			34.8	34.8
0.00	3.0	,		2	3	3	3 ,	/ * * *	34.0	34.0	,	14.0	34 • A	₹4 • 8	34."	14.8
GE 5000	3.0	32.1	32.1	32 • 1	32.1	35.1	35.1	35.1	35.8	35 . 8	36.8	35.8	35.8	35.8	35.9	35 a
GE 45001		32.1	32.1	32.1	32.1	35.1	35 • 1	35.1	35.8	35 . 8	35.8	35.8	35.8	35.8	35.8	75.6
GE 40001	3. ე	34.4	34.4	34 . 4	34.4	38.1	28.1	38.1	3 B . B	38 • 8	38.8	18.8	38.8	38.8	39.8	38.6
GE 3500	3.0	36.8	36.8	36.8	36.8	40.5	40.5	47.5	41.1	41.1	41.1	41.1	41.1	41.1	41.1	91.1
GE 3000	3.0	41.5	41.5	41.8	41.8	45.8	45.8	45.8	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
															-11-5	
GE 2500		58.5	58.5	58.9	58.9	63.2	63.2	63.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
6E 20001		63.5	63.5	63.9	63.9	69.2	69.2	69.2	10.9	70.9	77.0	70.9	70.9	73.9	70.9	70.4
GE 1800		65.2	65.6	65.9	65.9	71.9	71.9	71.9	73.6	73.6	72.6	73.6	73.6	73.6	73.6	73.6
GE 1500		67.2	67.6	67.9	67.9	74.9	75.3	75.3	76.9	76.9	76.0	76.9	76.9	76.7	76.9	76.9
GE 1200	3,3	73.6	74.2	74.9	75.6	84.6	84.9	84.9	86.6	86.6	81.6	P6.6	86.6	96.6	85.6	9 6 . 6
6 E 1000		74.9	75.9	76 • 6	77.3	88.6	89.0	89.C	91.0	91.3	91.7	91.3	91.5	91.3	91. !	91.3
GE 9001		75.6	76.6	77.3	77.9	90.0	90.6	91.0	93.3	93.6	91.6	93.6	93.6	93.6	47.6	23.6
GE BUD		75.6	76.6	77.3	77.9	90.0	90.6	91.0	93.3	93.6	93.6	93.6	93.6	73.6	93.6	93.6
GE 700		77.3	78.3	78.9	79.6	92.3	93.0	93.3	95.7	96.0	91.1	96.3	96.3	96.3	96.3	96.3
6E 600	3.3	77.3	78.3	78 • 9	79.6	92.3	93.0	93.3	95.7	96.3	97.3	27.3	97.3	97.3	97.3	97.3
6E 5u01		77.6	78.6	79.3	79.9	92.6	93.3	93.6	₹6.0	97.0	90.7	C. Rr	C • 85	98.0	94.0	96.C
6E 4001		77.6	7 A . 6	79.3	79.9	93.3	94.0	94.3	96.7	98.0	99.7	39.U	99.0	99.3	99.0	99.C
GE 3001		77.9	78.9	79.6	8 D • 3	93.6	94.3	94.6	97.0	98.3	90.5	99.3	99.3	20.3	93.3	99.3
GE 2001		77.9	79.9	79.6	80.3	93.6	94.3	94.6	97.3	78.7	99.7	99.7	99.7	99.7	97.7	99.7
GF 1001	5.3	77.9	78.9	79.6	80.3	93.6	94.3	94.6	97.3	38.1	99.7	99.7	99.7	1 20 - 0	100.0	100.0
GE CI	3.3	77.9	78.9	79.6	80.3	93.6	94.3	94.6	97.3	98.7	92.7	99.7	00.7	100.0	100.0	100 0
						, , , , , ,	7443	77.0	7/.3	4811	4/	44.1	44.1	1.0.0	* 0 0 * 0	10 <b>0.</b> 0

## PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VEHELS VICIPILITY FROM HOUDLY OBSERVATIONS

S TA	TION NU	MBEP:	26063C	STATI	ON NAME:	LENI	NG RAD U	SSR				PERIOU	OF REC		-8 <sub>4</sub> ILSTI: 1	2100-23	ee
				• • • • • •	• • • • • • •												
	LING									IN STATE							
	N İ	GE	G€	GE	GE	GE	GE	GE	GE	GE	G E	U.F	51	G E.	OF	5€	CF
FE	ET I	10	6	5	4		2 1/2		1 1/2		1	7/4	5/5	1/7	c/16	1/4	Ç
• • •	• • • • • • •	• • • • •		•••••	• • • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •		• • • • • • •		• • • • • • • • • • • • • • • • • • • •
N O	CEIL I	. 3	22.9	22.9	22.9	22.9	25.9	25.9	25.9	26.6	26.6	26.6	76.6	26.6	27.2	.7.2	21.2
GF	100001	. 3	23.3	23.3	23.3	23.3	26.6	26.6	26.6	21.2	21.2	27.0	27.2	27.2	21.9	:1.9	27.4
	180001	. 3	23.3	23.3	23.3	23.3	26.6	26.6	26.6	27.2	27.2	27.2	21.5	27.2	27.9	47.9	27.7
	160001	. 3	23.3	23.3	23.3	23.3	26.6	26.6	26.6	27.2	27.2	27.3	27.2	27.2	27.9	27.9	. 1
	140001	• 3	23.3	23.3	23.3	23.3	26.6	26.6	26.6	21.2	27.2	7	21.2	27.2	:1.9	27.4	77.4
	120001	. 3	23.3	23.3	23.3	23.3	26.6	26.6	26+6	27.2	21.2	27.2	21.2	27.2	27.9	7.9	27.9
	100001	,	30.0	30.0	29.9	29.9	34.9	34.9	34.9	35.9	35.9	34.2	35.9	35.9	16.5	36.5	36.5
	10000	• 3	29.9	29.9					34.9	35.9	35.9	3	35.9	35.9			
GE	9000	• 3	29.9	29.9	29.9	29.9	34.9	34.9			35.9	35.9	35.9		76.5	35.5	36.5
GE	80001	• 3	29.9	29.9	29.9	29.9	34.9	34.9	34.9	35.9				35.9	16.5	36.5	
GE	77001	• 3	29.9	29.9	29.9	29.9	34.9	34.9	34.9	35.9	₹5.9	35.0	35.9	35.9	16.5	36.5	16.5
ĢĒ	6000 i	. 3	30.2	30.2	30 • 2	30.2	35.2	35 • 2	35,2	36.2	36 • 2	36.2	36 • 2	36 • 2	36.9	36.9	76. ₹
GE	5000 l	• 3	31.9	32.2	32 • 2	32.2	37.5	37.5	37.5	38.5	38.5	30.	₹8.5	38.5	39.2	39.7	14.2
ĢE	45001	. 3	31.9	32.2	32 • 2	32.2	37.5	37.5	37.5	34.5	38.5	30.5	18.5	38.5	39.2	39.2	15.2
GΕ	40001	. 3	35.9	36.2	36.2	36.2	41.9	41.9	41.9	42.9	42.9	47.9	42.9	42.7	43.5	43.5	43.5
GE	35 no l	. 3	38.9	39.2	39.2	39.2	45.2	45.2	45.2	46.2	46.2	46.2	46.2	46.2	46.8	46.F	46.8
G E	30001	• 3	43.2	43.5	43.9	43.9	50.5	50.5	50.5	51.5	51.5	51.5	51.5	51.5	12.2	52.2	52.2
GE	25 oo l	. 7		55.5	55 • 8	55.8	63.1	63.1	63.1	64.1	64.1	64.1	64.1	64.1	54.8	54.A	64.8
6.6	20001	.,	55•1 59•8	50.8			7C. 4	70.4	70.4	72.1	72.1	77.1	72.1	72.1	72.8	72.8	17.8
					61.1	61.1				73.4	73.4	77.4	73.4	73.4	74.1	74.1	74.1
GΕ	10001	• 7	61.1	62.1	62.5	62.5	71.8	71.8	71.8							77.1	77.1
G E	15001	• ?	63.1	64.1	64 . R	64.8	74.4	74.4	74.4	76.4	76.4	76.4	76.4	76.4	77.1		
GF	12001	. 7	67• H	68.8	69.4	70.1	81.4	81.4	A1.7	83.7	P 3 • 7	93.7	A 3 . 7	83.7	94.4	84.4	яч.ч
GΕ	10001	. 7	70.4	71.4	72 . 4	73.1	86.4	86.4	86.7	87.4	A9.4	89.4	49.4	89.4	90.0	97.0	9 C • C
GE	9001	. 7	72.8	71.9	72.8	73.4	87.G	87.0	87.4	90.0	90.0	90.0	30.0	90.0	90.7	90.7	96.7
GE	8 0 0 L	. 7	71.1	72.1	73.4	74.1	88.4	88 .4	88.7	91.7	91.7	91.7	21.7	91.7	92.4	92.4	92.4
6 E	700	. 7	72.1	73.1	74.4	75.1	91. G	91.4	91.7	95.0	95.0	95.0	95.0	95.0	95.7	95.7	25.7
GΕ	6001	. 7	72.1	73.1	74.4	75.1	91.4	91.7	92.3	96.3	96.3	96.0	96.3	96.3	97.3	97.C	97.6
GE	5001	. 7	72.1	73.1	74.4	75.1	71.4	91.7	92.0	96.3	96.7	91.7	31.3	97.0	97.7	97.7	97.1
6 6	4001	. 7	72.8	73.8	75 • 1	75.7	92.0	92.4	92.7	97.0	97.3	97.7	98.3	98.3	99.3	99.0	99.0
		. 7			_			-							99.3		
G E	3001		72.8	73.8	75 - 1	75.7	92.0	92.4	92.7	97.0	97.5	47.7	98.3	98.3		99.3	99.3
GE	5001	• ?	72.8	73.8	75 • 1	75.7	92.0	92.4	92.7	97.0	97.3	97.7	98.3	78.3	09.7	97.7	100.0
G E	100	. 7	72.8	73.8	75 • 1	75.1	92.0	92.4	92.7	97.1	97.3	97.7	98.3	98.3	99.7	99.7	100.0
G F	21	. 7	12.8	73.8	75 . 1	75.7	92.0	92.4	92.7	97.0	97.3	97.7	98.3	98.3	99.7	99.7	100.0

## PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NU	•										MONTH	: 001	PD: 77-	(LST):	ALL	
CEILING	••••	• • • • • • •	• • • • • •		• • • • • •				IN STATE				• • • • • • •		• • • • • •	• • • • • • • • • •
IN   FEET	GE 10	GE 6	G€ 5	GE 4		G <u>E</u> 2 1/2	GE	GE 1 1/2	G E	GE 1	6E 374	նլ 5/8	GE 1/2	GE 7/16	GE 1/4	GF C
NO CEIL I		20.1	29.1	20.2	20 • 2	22.2	22.2	22.2	22.3	22 • 8	22.8	23.0	23.0	23+2	23.2	23.3
GE 200001 GE 180001 GE 160001 GE 140001	1.2 1.2 1.2 1.2	21.2 21.2 21.2 21.2	21.2 21.2 21.2 21.2	21.2 21.2 21.2 21.2	21.2 21.2 21.2 21.2	23.6 23.6 23.6 23.6	23.6 23.6 23.6 23.6	23.6 23.6 23.6 23.6	24 • 2 24 • 2 24 • 2 24 • 3	24.3 24.3 24.3 24.3	24.3 24.3 24.3 24.3	24.5 24.5 24.5 24.5	24.5 24.5 24.5 24.5	24.7 24.7 24.7 24.7	24.7 24.7 24.7 24.7	74.7 74.7 24.7 24.8
GE 12000	1.2	21.2	21.2	21.2 28.5	21.2	23.6 32.7	23.6	23.6	24.3	74.3	37.5	24.5 33.6	24.5	24.7	24.7 34.0	74.8 34.1
GE 9000  GE 8000  GE 7000	1.2 1.2 1.2	28.3 28.3 28.3	29.4 29.4 28.4	28 • 5 28 • 5 28 • 5	28.5 28.5 28.5	32.7 32.7 32.7	32 • 7 32 • 7 32 • 7	32.7 32.7 32.7	33.5 33.5 33.5	33.6 33.6 33.6	33.6 31.6 33.6	33.8 33.8 33.6	33.9 33.9 33.9	34.0 34.0 34.0	34.0 34.0 34.0	34.1 34.1 34.1
6E 5000	1.2	28.4 29.5	28.5	26.6 29.7	28.6	32 · 8 34 · 1	32.8	34.1	33.6	33 • 7 35 • D	33.7 35.0	33.9 35.2	33.9	35.5	34.1	34.2 *5.6
GE 4500  GE 40001 GE 3500	1.2 1.2 1.2	30.0 32.7 34.2	30.1 32.9 34.4	30 • 2 33 • 0 34 • 6	30.2 33.0 34.6	34.6 37.7 39.3	34.6 37.7 39.3	34.6 37.7 39.3	35.4 38.5 40.1	35 • 5 38 • 6 40 • 2	35.5 29.6 40.2	35.7 38.8 40.5	35 • 7 30 • 8 40 • 5	16.0 39.0 40.7	36.0 39.0 40.7	36.1 39.2 48.8
6E 2500	1.3	37.7 50.7	37.9 59.9	38 • 1 51 • 2	38.2	43.3 57.6	43.3 57.6	43.3 57.6	44.2 58.6	44.3 58.7	55.7	44.6 58.9	44.6 58.9	44.8 59.1	57.1	59.3
GE 2000) GE 14001 GE 15001	1.5 1.6 1.8	56.2 57.9 61.3	56.6 58.4 61.8	57•0 58•7 62•3	57.1 58.8 62.5	64.5 67.0 71.9	64.5 67.0 71.9	64.5 67.0 71.9	65 • 7 68 • 3 73 • 3	65 • 8 68 • 5 73 • 5	68.8 68.5 73.5	66.1 69.7 73.8	66.1 68.7 73.8	66.3 69.3 74.0	65.3 69.0 74.0	66.4 69.1 74.1
CE 1000	1.8	69.6	10.5	69 • 1 71 • 3	71.8	81.0 85.0	81.1	81.2	63.1 87.7	83.3	83.4 88.0	83.6 88.3	88.3	P3.9	83.9 88.6	₽4•D ₽8•7
65 9001 65 8301 65 7601	1.8	70.1 70.4 71.3	71.3 71.3 72.2	71.8 72.1 73.2	72.3	86.0 87.2 89.7	86 • 2 87 • 4 89 • 9	86.4 87.6 93.2	89.0 90.5 93.5	99.2 90.8 93.8	89.3 90.9 93.8	89.5 91.1 94.1	99.5 91.1 94.1	99.8 91.4 94.4	59.8 91.4 94.4	89.9 91.5 94.6
GE 5001	1.8	71.9	12.8	73.6	74.4	90.5	90.8	91.1	94.9	96.3	96.6	96.9	96.9	96.3	96.3	96.4
GE 4001 GE 3001 GE 2001	1.8	72.1 72.1 72.2	73.0 73.0 73.1	74 • 1 74 • 1 74 • 1	74.7 74.7 74.8	91.7 91.9 91.9	92.0 92.1 92.2	92.5 92.6 92.6	96.7 96.8 96.9	97.5 97.7 97.8	97.9 98.0 98.1	98.3 98.5 98.6	99.3 99.5 98.6	98.7	98.7	98.6 99.0 99.5
6E 1001	1.8	72.2 72.2	73.1	74.1	74.8	91.9	92.2	92.6	96.9	97.8	98.1	98.6 98.6	98.6 98.6	99.6	99.6	100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR PERIOD OF RECORD: 77-86 MONTH- NOV HOURS (ESTE: 0000-9200) CFILING VISIRILITY IN STATUTE MILES VISIRILITY IN STAT GE GE GE GE GE 3 2 1/2 2 1 1/2 1 1/4 IN | GE FEET | 10 GE GE GE 6 5 4 GE GE 7/4 GE 5/16 5/4 1/2 1/4 •••••••••••••••••• NO CEIL I 12.0 13.4 13.4 13.4 13.4 13.7 15.4 13.7 13.7 GE 200001 13,7 13.7 13.7 15.1 13.7 14.8 15.1 15.1 15.1 15.1 15.1 15.1 15.5 15.5 15.5 15.1 15.1 11.1 13.7 15.1 GE 180001 13.7 13.7 13.7 14.8 15.1 15.1 15.1 15 • 1 15.5 15.5 GE 160001 13.7 13.7 13.7 14.8 15.1 15.1 15.1 15.1 15.1 15.5 15.5 15.5 GE 140001 13.7 13.7 15.1 15.5 15.1 15.5 15.5 GE 120001 13.7 13.7 13.7 13.7 14 . B 15.1 15.1 15.1 GF 100001 17.9 17.9 17.9 17.9 20.6 0.15 20.3 20.6 20.6 20.6 20.6 20.6 20.6 21.0 21.0 GE 90001 GE 80001 17.9 17.9 17.9 20.3 20.6 20.6 20.6 20.6 20.6 20.6 20.6 20.6 21.5 21.0 21.0 17.9 20.6 20.6 20.6 17.9 17.9 17.9 20.3 20.6 20.6 21.5 21.0 7000 17.9 17.9 17.9 20.3 20.6 20.6 20.6 20.6 21.0 21.0 21.0 G F. 60001 18.2 18.2 18.2 21.0 21.0 21.0 21.0 21.3 GE 50001 18.6 18.6 18.6 18.6 21. p 22. 3 21.3 21.3 21.3 21.3 21.6 23.0 21.3 21.3 21.3 6 E 45001 19.9 19.9 19.9 19.9 22.7 24.4 22.7 24.4 23.0 24.7 23.0 24.1 22.7 40001 21.6 21.6 21.6 21.6 24.1 24.4 24.4 24.4 24.7 35001 22.0 24.7 25.1 22.0 22.0 22.0 25.1 25.1 25.1 25.1 25.1 25.4 25.4 GE 30001 23.7 26.8 27.1 21.5 21.8 27.8 27.8 25001 GE 33.7 33.7 33.7 33.7 36.8 37.1 37.1 37.5 37.5 37.5 37.5 37.5 37.8 37.8 37.F GE 20001 . 3 40.5 40.9 43.6 45.4 48.8 45.4 40.5 40.9 44.7 45.0 45.0 45.4 45.4 45.4 45.7 45.7 45.7 1900| 1500| . 3 43.0 49.5 48.5 4 5 . 3 43.6 48.1 48.8 48.8 49.8 49.1 40.1 49.1 6 E 46.4 46.7 47.1 47.1 52.6 52.9 52.9 54.0 54.0 54.0 12001 55.3 55.0 64.8 55.7 67.0 67.4 67.4 69.4 69.4 69.4 69.4 69.4 69.8 69.8 10001 57.4 58.1 72.5 72.5 75.3 75.6 77.3 75.9 75.9 75.4 75.6 .3 58.1 G E 9001 57.7 58.4 58.4 73.9 74.2 74.2 17.0 77.3 77.3 77.3 77.7 77.7 77.7 59.1 9001 59.8 59.8 76.6 77.0 77.3 8.08 91.4 81.4 81.4 81.4 81.8 85.9 G.F 7001 60.8 96.6 61.5 AC. 8 81.1 86.6 86.6 86.6 56.9 86.9 A6.9 83.2 6001 61.9 62.2 62.5 62.5 82.8 83.5 90.0 90.7 90.7 90.7 90.7 ŏ€ 5001 . 7 62.2 62.5 62.9 62.9 84.2 84.9 93.8 84.5 92.4 91.8 9.1.0 9.50 94.7 94.2 94.2 . 7 G F 4001 62.2 62.5 62.9 62.9 85.2 85.6 85.9 94.2 95.5 95.9 96.2 96.6 96.2 96.6 96.6 G F 62.9 62.9 3601 62.2 62.5 62.9 P5. 2 85.6 85.9 94.5 95.9 96.5 97.6 97.9 98.6 99.6 98.6 62.9 85.2 85.6 85.9 94.9 96.2 96.9 98.3 98.6 99.7 99.7 99.7 G E 1001 62.2 62.5 96.9 98.6 01 GΕ . 7 62.5 62.9 63.2 63.2 85.6 85.9 86.3 95.2 96.6 97.3 98.6 99.0 100.0 100.0 100.0

### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VF#SLS VI'I&ILITY FROM MOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR PERIOD OF RECORD: 77-86 MONTH: NOV HOURS (LST): 0300-0500 VISIBILITY IN STATUTE MILES GE GE GE GE CEILING IN | GE FEET | 1C G E 5 GE GE 3 2 1/2 GE 6.6 GI GE G E GF r, F 2 1 1/2 1 1/4 6 3/4 5/8 1/2 5/16 1/4 14.0 14.0 NO CETL 1 13.4 13.7 13.7 13.7 14. D 14.0 14 . C 14.0 14.0 14.0 14.0 14.0 14.7 14.7 GE 200001 14.0 14.4 14.4 14.4 14.7 14.7 14.7 14.7 14.7 14.7 14.7 GE 180001 14.0 14.4 14.4 14.4 14.4 14.7 14.7 14.7 14.7 14.7 14.7 14.7 14.7 14.7 14.7 14.4 14.7 14.7 GE 160001 14.0 14.7 14.7 14.7 14.7 14.7 14.7 14.7 14.4 14.7 14.4 14.4 14.7 14.7 14.7 14.7 GE 120001 14.4 14.0 14.4 14. 7 14.7 14.7 14.7 14.7 14.7 14.7 14.7 21.2 GE laggal 19.5 19.5 19.5 21.2 21.2 21.2 21.2 21.2 21.2 21.2 21.2 21.2 21.2 19.2 21.2 9:001 19.2 19.5 19.5 21.2 21.2 21.2 21.2 21.2 19.5 21.2 21.2 19.5 19.5 19.5 21.2 21.2 21.2 21.2 21.2 21.2 21.2 21.2 GΕ 80001 19.2 21.2 21.2 21.0 21.2 21.2 21.2 21.2 21.2 G E 60001 19.7 19.5 21.2 21.2 19.2 19.5 GE 50001 19.5 21.2 21.2 21.2 21.2 21.2 21.2 21.2 21.2 21.2 19.5 21.2 19.5 45001 19.9 21.6 21.6 21.6 21.6 21.6 23.6 21.6 21.9 21.9 21.9 23.6 23.6 23.6 24.6 24.6 23.6 40001 21.6 23.6 23.6 23.6 23.6 21.6 24.0 35 0C [ 23.6 23.6 24.0 24.3 29.1 GΕ 3no0 | 29.1 29.1 25 00 1 79.4 34.4 GF 34.6 35.3 35.3 35 • 3 40 • P 38 . 7 10.D 39.4 39.4 19.4 19.4 39.4 77.4 47.3 47.3 47.3 47.3 47.3 47.3 47.3 40.1 40.8 40.8 46.2 46.2 50.3 46.6 50.7 G E 21001 47.3 19001 43.8 44.5 44.5 44.5 50.3 51.7 51.7 51.7 51.7 51.7 51.7 51.7 15001 56.2 70.5 G F 47.6 48.3 48.3 48.3 54. A 54.8 55.1 56.2 56.2 55.2 56.2 56.2 70.2 76.5 57.5 G F 10001 59.6 60.6 60.6 60.6 74.0 14.0 74.3 76.4 76.4 76.7 76.7 76.7 9001 60.3 60.6 61.3 61.3 61.3 76.7 78.4 76.7 78.4 77.1 78.8 79.8 79.8 81.8 79.9 81.9 80.1 80.1 80.1 80.1 80.1 82.2 81.8 82.2 GE 9001 61.6 61.6 61.6 82.2 R2.2 G F 60.6 GE 6001 61.0 62.0 62.0 62.0 82.5 82.5 92.9 99.7 99.0 87.0 A9.0 59.C 89.0 92.5 5001 62.7 62.7 62.7 83.9 83.9 94.2 22.5 92.9 92.B 92.8 92.A 91.A G F 61.6 91.1 94.2 95.9 GE 4001 61.6 62.7 63.3 86.0 94.2 94, 9 95.9 76.9 96.9 63.0 A5.6 85.6 G E 1005 95.2 95.2 36.9 97.3 99.0 61.6 62.7 63.0 63.0 86.0 86.0 86.3 99.5 78.6 99.0 94.6 29.0 51.6 86.3 99.3 98.6 62.7 63.0 63.0 86. C 86.0 G F 1001 61.6 95.2 96.9 57.3 99.7 102.0 100.0 96. U 86.0 C I 61.6 62.7 86.0 86. T 63.1 63.6 96.0 25.2 26.9 97.3 98.3 JR . A 99.7 109.0 100.0

### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

ATT TEATHER SERVED			
STATION NUMBER: 260630	STATION NAME:	LENINGRAD USSR	PERIOD OF RECUE
			MONTH: NOV

STATION NUMBER	: 260630	STATI	ON NAME:	LE NI	NG PAD U	S S R				DE B 100	OF REC	JF0: 77	-8 6		
						-				MONTH	: 40V	HOURS	(LST):	0500-08	CO
6571.7116	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	•••••						• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
CEILING IN   GE	GE	GE	6 F	GE	GE	G E	GE	IN STATE	GE .	6 E	GE	G E	6.E	GE	(.5
FEET 1 10	t t	5	4		2 1/2		1 1/2		1	7/4	5/9	1/2	5/16	1/4	C C
***********															
		• •						10.3	10.3		10.3	10.3	10.3		
NO CEIL	9.9	9.9	9.9	9.9	10.2	10.5	10.2	10.2	10.2	10.2	10.2	10+2	10.2	10.2	14.2
GE 200001	9.9	9.9	9.9	9.9	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	:0.€
GE 180001	9.9	9.9	9.9	9.9	10.6	10.6	10.6	10.6	10.6	17.5	10.6	10.6	13.6	1.1 • 6	16.6
GE 160001	9.9	9.9	9.9	9.9	10.6	10.6	10.6	10.6	10.6	10.6	10.5	13.6	10.6	10.6	16.6
GE 142001	9.9	9.9	9.9	9.9	10.6	10.6	10.6	10.6	10.6	10.6	10.6	13.6	10.5	10.6	10.6
GE 120001	9.9	9.9	9.9	9.9	10.6	10.6	10.6	10.5	10.6	10.5	19.6	13.6	10.6	10.6	16.6
GF 100001	15.4	15.4	15.4	15.4	18.1	18.1	18.1	18.1	18.1	10.1	18.1	19.1	18.1	18.1	1 1
GE 90001	15.4	15.4	15.4	15.4	18.1	18.1	18.1	18.i	18.1	19.1	18.1	19.1	16.1	10.1	16.1
GE 83001	15.4	15.4	15.4	15.4	18.1	18.1	18.1	18.1	18.1	19.1	18.1	18.1	13.1	19.1	16.1
GE 70001	15.4	15.4	15.4	15.4	18.1	18.1	18.1	18.1	18.1	19.1	18.1	18.1	18.1	12.1	1 - 1
1cg98 30	15.4	15.4	15.4	15.4	18.4	18.4	18.4	18.4	18.4	10.4	19.4	19.4	18.4	10.4	16.4
GE 50001	15.4	15.4	15.4	15.4	18.4	18.4	18.4	18.4	18.4	10.4	18.4	18.4	18.4	19.4	1 4
GE 45001	15.7	15.7	15.7	15.7	18.8	18.8	18.8	19.8	18.8	10.0	18.8	18.8	18.8	18.0	16.6
GE 40001	16.7	16.7	16.7	16.7	19.8	19.8	19.8	19.8	19.8	19.0	19.6	17.8	19.8	19.8	19.8
GE 35001	17.4	17.4	17.4	17.4	2 C . 5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	26.5
GE 30001	19.5	19.5	19.5	19.5	23.9	23.9	23.9	23.0	23.9	2 * . 9	23.9	23.9	21.9	27.9	23.9
GE 25001	27.0	27.0	27.3	27.3	33.8	33.8	33.8	33.8	73.8	31.6	33.H	13.8	*3.0	31.8	33.*
GE 20001	32.8	32.8	33.1	33.1	39.9	39.9	39.9	40.3	40.3	47.3	90.3	40.3	40.3	40.3	40.3
GE 18001	36.2	36.2	36 • 5	36.9	44.4	44.4	44.4	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 15001	40.6	40.6	41.0	41.3	50.9	50.9	50.9	51.9	1.9	51.9	51.9	51.9	£1.9	51.9	51.9
GE 1200	50.2	50.2	50.5	50.9	65.5	65.5	65.5	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
5.5 10001									7	74.7	74.7	74.7	74.7	74.7	7
GE 10001 GE 9001	54.3 54.9	54.3 54.9	54.6 55.3	54.9	72 • 0 73 • 7	12.0 13.7	12.0 13.7	74.1 76.1	74.4 76.5	76.8	76.A	76.8	76.8	75.8	14.7 16.8
68 800l	55.3	55.3	55.6	56.0 56.3	77.5	77.5	17.5	80.5	PD . 9	81.2	31.2	81.2	91.2	81.2	81.2
6E 7001	56.0	56.0	56.3	57.0	79.9	17.9	79.9	85.7	86.0	86.7	96.3	P 6 • 3	P6 - 3	86.3	R6+3
0E 6001	56.3	56.3	56.7	57.3	82.6	82.6	82.6	90.1	90.4	90.0	91.1	91.1	91.1	91.1	91.1
0.000		30 43		3		02.00	.,,,,,	, <b>, , ,</b>					•••	7	
GE 5001	58.0	58.0	58.4	59.0	85.3	85.7	85.7	93.9	94.2	94.5	34.9	94.9	94.9	94.9	94.9
GE 4001	58.0	58.0	58 • 4	59.0	86. C	86.5	86.3	94.5	95.2	96.2	76.6	96.9	96.9	96.9	96.9
GE 3001	58.4	58.4	58 • 7	59.4	P6.7	87.0	87.0	95.6	26.5	97.3	97.6	98.0	98.3	98.6	98.6
GF 2001	58.7	5 A . T	59.0	59.7	87.D	87.4	87.4	95.7	96.6	97.6	C. 89	98.3	29.0	99.3	99.3
GE 1001	58.7	5 9 . 7	59 • C	59.7	87.0	87.4	87.4	96.2	96.9	99.0	78.3	98.6	99.7	100.0	100.0
GE OI	58.7	58.7	59.0	59.7	P7.0	87.4	87.4	96.2	96.9	98.0	98.3	98.6	29.7	100.0	106.0
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## PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VIRSUS VICIPILITY FROM HOURLY OBSERVATIONS

ILING	 						BILITY								• • • • • • •
IN	 GF.	e E	GE	GE	Gξ	Շ [	GE	GE	υ£	5 L	65	5 (	GE	64	üf
EET 1		5	4		2 1/2		1 1/2		1	7/4	5/A	1/2	7/16	1/4	· · · · · · · ·
CETL	 9.8	7.8	10.1	10-1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
200001	10.5	10.5	10.8	10.8	11.8	11.8	11.8	11.2	11.8	11.5	11.8	11.8	11.9	11.9	11. 2
180001	10.5	10.5	10.8	10.8	11.8	11.8	11.8	11.5	11.6	11.9	11.8	11.9	11.7	11.5	11
163001	10.5	10.5	10.8	10.8	11.8	11.8	11.9	11.	11.8	11.9	11.6	11.9	11.5	11.4	11.7
140001	10.5	10.5	10.8	13.8	11.8	11.8	11.8	11.4	11.8	11.8	11.4	11.4	14.5	11.8	11
120001	10.5	10.5	1C.8	10.8	11.8	11.9	11.8	11.R	11.8	11.4	11.8	11.4	11.5	11.0	11
100001	17.4	17.8	18.1	19.1	20.2	20.2	23.2	20.2	.'0.2	20.3	(a.2	20.2	24.2	( ) . 2	
90001	17.4	17.8	18.1	18.1	20.2	20.2	20.2	20.2	20.2	27.3	-ă.,	20.2	23.3	20.2	
10008	17.4	17.8	18.1	18.1	20.2	20.2	20.2	20.2	20.2	20.0	22.2	27.3			
7,000	17.4	17.8	18.1	19.1	20.2	20.2	20.2	20.2	20.2	27.2	20.2		23.2	. ~	
60001	17.4	17.8	18 - 1	18.1	20.2	23.2	23.2	20.2	20.5	27.0	23.2	20.2	23.2	<i>;</i> ~	
50001	17.4	17.8	18.1	18.1	20.2	20.2	20.2	27.2	20.2	22.2		27.2	~J	20.0	·
4 5 00	17.4	17.8	18.1	18 - 1	20.2	20.2	20.2	20.2	20.2	27.3	20.2	21.2			2
40001	19.2	19.5	19.9	19.9	22.0	27.0	22.0	22.n	22.0	20.0	22.0	22.2	20.0	. 3.7	
3500	20.9	21.3	21.6	21.6	23.7	23.7	23.7	23.7	23.7	27.7	31.1	23.2	23.7		2.14.2
3,001	74.4	24.7	25 • 1	25 - 1	28.2	28.2	28.2	28.2	29.2	20.7	29.	29.2		78.7	76.7
25001	!3.1	33.4	33.8	33.8	37.3	37.3	37.3	37.3	37.3	77.1	17.1	17.3	17.3	57.3	11.1
20 0 0 <b>1</b>	36.6	36.9	37.3	37.3	43. ê	43.2	43.2	43.2	43.2	4	4 7 . 2	43.2	43.2	4 7 . 2	4 3 . 6.
18301	39.7	40.1	40.4	40.4	47.4	47.4	47.4	47.4	47.4	4 7 . 4	47.4	47.4	47,4	47.4	97.
15001	43.9	44.3	44.6	44.6	54.4	54.4	54.4	54.4	54.4	54.4	. 4 . 4	54.4	c. 4 . 4	54.4	14.7
1,2001	52.6	53.0	53.3	53.3	66.2	66 • 2	66.2	64.5	16.2	65.0	46.2	65.2	16.2	10.00	14.1
1001	56.1	56.4	56.8	56 • 8	72.1	77.1	72.1	12.5	72.5	72.5	72.5	72.5	12.5	12.5	٠ ١
9001	56.8	57.1	57.5	57.5	15.3	75.03	75 • 3	11.7	77.C	+ 7 <b>•</b> 0	77.0	77.7	77.4	77.4	,
8001	58.2	5 A . 5	58.9	59.7	74.4	79.4	79.4	81.2	n 1 • .'	21.7	F1 - 7	81.5	P1.9	61.9	
700	58.9	59.7	59.6	59.6	P1.5	81.5	81.5	H4 . ?	94.	H 4 . T	A4.1	84.7	C.74	A 5 . C	6.6
60g <b>i</b>	59.2	59.6	59.9	59.9	94.3	84.1	A4. 1	A		40.9	10.2	97.6	90.9	٠٠,٥	91. 1
5601	60.3	60.6	61.0	61.3	85.7	85.7	A5.7	89.5	91.1	42.9	71.J	91.4	91.7	91,7	94.1
4001	60.3	60.6	61.0	61.0	86.4	86.4	86.8	91. (	93.0	91.1	74.8	91.1	95.5	94.5	9'.9
3001	50.6	61.0	61.3	61.3	87.1	87.1	87.5	92.3	23.7	9 u . u	95.4	96 - 1	21.2	97.6	9
2001 1601	60.6	61.0	61.3	61.3	97.1	87.1	87.5	92.7	21.7	90.0	95.A	34.5	97.,	97.9	9 * * 5
1001	61.0	61.3	61.7	61.7	A7.5	87.5	A 7 . A	92.1	24.1	¥4.4	24.46	34.3	28.3	94.4	1"
21	61.0	61.3	61.7	61.7	P7.5	87.5	A 7 . A	92.3	24.:	99.9	96.2	76.9	90.1	C 9 4	126.0

# GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION	NUMBER:	260630	STATI	ON NAME:	LENI	NG PAD (	SSR					01 16				
												: NOV		CLSTI;		16
CEILING									IN STATE			• • • • • • • •		• • • • • • •		•••••
IN	υ£	GE	GE	GF	GE	65	G E	GE	GE	G <b>E</b>	n.t.	GF	GE	:. <b>E</b>	4€	+2 <b>t</b>
FEFT	10	દ	5	4		2 1/2		1 1/2		1	119	5/4	1/2	1/16	1/4	L
	•••••		• • • • • •	• • • • • • • •	• • • • • •	•• • • • • •	• • • • • •		• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •		
NO CEIL	1.4	10.6	10.6	10.6	10.6	10.9	10.9	10.9	11.5	11.3	11.3					
		1000	10.0	10.0	10.0	10.7	10.4	10. 9	11.	1145	11.7	11.	11.7	11.5	11.	11.1
GE 20000	1.4	12.6	12.6	12.6	12.6	13.7	13.7	13.7	14.0	14.0	10.0	14.0	14.0	14.0	14.0	19.0
GE 18000	1.4	12.6	12.6	12.6	12.6	13.7	13.7	13.7	14.7	14.0	14.7	14.0	14.0	14.3	14.3	14.5
6E 16000	1.4	12.6	12.6	12.6	12.6	15.7	13.7	13.7	14.0	14.3	14.7	14.0	14.0	14.0	14.0	1 2
GE 140001		12.6	12.6	12.6	12 • 6	13.7	13.7	13.7	14.0	14.0	14.5	14.6	14.7	14.3	iu.r	14.2
GE 12500	1 • 4	12.6	12.6	12.5	12.6	13.7	13.7	13.7	14.0	14.0	14.7	14.0	14.0	14.0	14.0	14.0
GE 1000C	1.4	19.5	19.5	19.5	19.8	21.2	21.2	21.2	31.0	11 0	2 6					
GE 90000		19.5	19.5	19.5	19.8	21.2	21.2	21.2	21.9 21.9	21.8 21.8	21.9	21.a 21.8	21.8	71.8	1.5	< 1 • <sup>™</sup>
GE 80001		19.5	19.5	19.5	19.8	21.2	21.2	71.2	21.7	21.8	21.9 21.8	21.8	21.8 21.8	71.5	. 1 . n	21.8 21.0
GE 7000		19.5	19.5	19.5	19.8	71.2	21.2	21.2	21.4	71.9	21.0	21.6	21.9	21.4	. 1.4	11
SE 6000	1.4	19.5	19.5	19.5	19.8	71.2	21.2	21.2	21.	71.8	21.0	71.4	21.9	71.9	.1.4	
															- • •	
66 5000		19.5	10.5	19.5	12.8	21.2	21.2	21.2	21.8	21.6	21.9	71.6	1.7	1.6	. 1 . 5	21.0
GE 4500		19.5	19.5	19.5	19.8	21.2	21.2	21.2	21.9	21.8	21.9	21.5	21.8	71.4	.1.8	1.*
68 40001		71.2	21.2	21.2	21.5	22.9	22.9	22.9	23.5	23.5		.7 ₹ . ٢	25.5	23.5	21.6	S 1 + 19
6E 3500		22.5	22.5	22.5	22.9	24.2	24.7	24.2	24.7	24.9	20.1	٠4.9	24.9	4.9	.,	24.1
66 30001	1.4	26.3	26.3	26 + 3	26.6	28.3	24.3	28.3	29.0	33.0	50.0	. G . G	50.B	24.5		3 * • 5
SE afford	1.4	35.5	35.5	35.5	35.4	37.9	37.9	37.9	39.6	₹4.6	50.	19	18.6	* R . fs	34.6	1+
68 2000	1.4	18.2	10.0	18.5	38.9	42.3	42.3	42.3	43.7	43.0	4 7 . 7	91.9	43.0	43.0	43.0	43.0
5F 19001	1.4	43.6	19.6	40.3	40.6	44.7	44.7	44.7	45.4	45.4	41.4	45.4	45.4	45.4	45.4	41.4
ar 1500)		44.4	44.4	45.1	45.4	51.5	51.5	51.5	52.6	12.6	5.00	52.6	52.6	13.6	40.0	4 - 4
98 1,001	2.0	53.7	5.5.6	54.3	4.6	66.9	66.9	67.2	59.6	69.6	60.0	63.6	49.6	70.3	73.3	13.1
6f 10001	2.0	55.6	56.0	57.0	57.3	73.4	73.4	73.7	16.5		•			_		
0 t 3 C C t		56.3	56.7	57.1	59.0	1 8	75.8	76.1	19.9	76.H P3.2	76.8 82.2	76.6 90.7	76 • R	77.5 83.4	17.5	17.5
66 4001		18.	5 A .4	59.7	67.1	FO. 5	87.5	80.9	84.5	95.0	6 65.7	85.0	45.7	94.7	H 7. 7	£3.9 89.7
6F 7051		64.0	59.4	50.8	61.1	8 5 · 6	83.6	84.0	89.1	99.4	19.4	я9.4	99.4	93.4	1.0	5 i. 4
+601		4.9. ∪	50.4	60.8	61.1	64.3	84.5	A4.6	91.1	21.5	91.5	01.5	91.5	92.5	42.5	V
														•		
64 550		59.0	59.4	60 . R	61.1	a 5 . 7	85.7	86.7	93.2	93.5	9 ( 4, 4,	23.5	33.0	94.7	94.9	24.7
65 4001		C 3 . 4	59.7	61.1	61.4	F6. 7	86.7	87.7	94.5	95.2	952	36 · 2	36.6	97.6	+7.6	9#.3
-97 1601 -97 1631		59.4	59.7	61.1	61.4	07.4	87.4	P.A. 4	95.2	95.9	91.9	25.9	97.3	98.6	49.6	79.J
54 760i 64 1601		50.4 50.4	59.7	61.1	(1.4	A 7. 7	87.7	AR. 7	95.6	26.2	34.45	97.5	31.6	39.0	30 € €	94.7
1501	• • •	7.4	59.7	61.1	61.4	£ 7. 7	R7.7	88.7	95.8	04.5	9 4 . 7	97.3	97.6	36.1	99.3	100.0
54 01	2.0	5.9.4	59.7	61.1	61.4	F 7. 7	87.7	PB. 7	9 4 . 6	26.7	97.3	27.3	97.6	99.3	30.1	100.0
															,,,,	*********

TOTAL MIMMER OF DESERVATIONS: 293

## PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIFICITY FROM HOURLY $\theta_{\phi} \, S_f \, \text{RWATIONS}$

TAT10	N NU	: 938 <b>4</b>	260630	STATI	ON NAME:	LENI	LNG RAD U	SSR					OF PEC			11	
<b></b>												MCNTH				1500-17	
EILIN										IN STATE							••••
IN	ı	GE	GΕ	GE	GE	G L	GE	G E	G F.	6.6	GΕ	t: F	6 E	G E	va t	r, E	4,5
FEET	- 1	10	6	5	ч	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/4	1/2	5/16	174	U
								• • • • • • •				• • • • • •					
NO CE1	l I	1.0	10.5	10.5	10.5	10.5	10.9	10.9	10.9	10.9	10.9	10.9	1 g • ¥	10.9	13.9	10.9	10.9
E 200	nn i	1.0	11.6	11.6	11.6	11.6	12.2	12.2	12.2	12.2	12.2	10.0	12.2	12.2	12.2	12.2	12.2
5 F 18C		1.0	11.6	11.6	11.6	11.6	12.2	12.2	12.2	12.2	12.2	17.7	12.2	12.2	12.2	12.2	12.2
36 180 36 160		1.0	11.6	11.6			12.2	17.2	12.2	12.2	12.2	13.2	12.2	12.2	12.2	12.2	
) E 145		1.0	11.6	11.6	11.6	11.6											14.2
-		1.0			11.6	11.6	12.2	12.2	12.2	12.2	12.2	17.7	12.2	12.2	12.2	17.7	17.2
£ 120	1001	1.1	11.9	11.9	11.9	11.9	12.6	12.6	12.6	12.6	12.6	17.6	12.6	12.6	12.6	17.6	12.5
E 100	001	1.0	18.0	18.0	18 • 6	18.0	20+1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	25.1
-	.aai	1.0	18.3	18.0	18.0	19.0	20.1	20.1	20.1	20.1	20.1	20.1	73.1	20.1	20.1	20.1	20.1
	CCI	1.0	18.0	19.0	18.6	18.0	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	76.1
	gal	1.0	18.G	18.0	ن • 18	18.0	20.1	20.1	20.1	20.1	20.1	29.1	20.1	20.1	20.1	20.1	1
	col	1.0	18.0	18.0	16.0	18.0	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
										2				• • •			
	ieo I	1.0	18.0	18.0	18 - 0	18.0	26.1	20.1	20.1	20.1	20 • 1	20.1	70.1	20.1	70.1	20.1	70.1
	COL	1.0	18.€	1 ª • Ü	18.0	18.0	.00.1	20.1	20.1	Z g • 1	20.1	20.1	20.1	23.1	20.1	27.1	ેદ•1
.F 4∩	1001	1 • C	20.1	20.1	2C • 1	20.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
	cci	1 • P	. 1 • 1	21.1	21 - 1	21.1	23.1	23.1	23.1	23.1	23.1	2 3 • 1	23.1	23.1	23.1	7.1	23.1
F 36	001	1.0	23.5	23.5	23.5	23.5	26.2	26.5	26.5	26.5	26.5	26.5	25.0	26.5	74.5	26.5	∴6.5
r 25	051			32.7	52 . 7	32.7	36.4	36.7	36.7	36.7	36.7	36.7	26.7		•. •		
	331	1.0	72.3											36.7	35.7	36.7	34. • 7
		1.4	40.1	47.5	4 U • 8	43.9	45.6	45.9	45.9	45.9	45.9	45.0	45.4	45.9	45.9	45.9	45.9
	act	1.7	45.5	4 5 . 9	44.2	44.2	49.3	49.7	49.7	49.7	49.7	42.7	49.7	49.7	49.7	49.7	49.1
	621	2.0	49.0	47.7	50.0	50.0	7.5	57.8	57.8	57.8	57.8	57.0	5 7 • A	57.9	٠7.8	57.A	57.8
. 1.7	1001	2."	57.5	58.2	58 • 8	5 <b>9 .</b> 9	70• 1	70.7	70.7	73.1	73.5	7 . 5	75.5	73.5	73.5	73.5	73.5
F 12	1001	2.0	£ 9.9	60.9	61.6	61.6	16.2	76.9	76.9	19.5	Rp. 3	80.6	AU.6	R7.6	P.J.6	87.6	0 C. C
, 9	logi	2.0	40.5	61.6	62.2	62.2	78.2	78.9	78.9	82.0	P2.7	8 T.O	93.0	93.0	93.0	83.0	F3.0
	col	2.0	61.2	62.6	63.3	63.3	81.3	82.7	92.0	85.0	P5 . 7	86.1	86.1	85 · 1	P to . 1	86.1	R6.1
	cai	7.0	61.6	62.9	63.6	63.6	# 5. 4	86.1	86.1	90.5	91.2	91.4	91.5	91.5	91.8	91.A	-1.5
	JOI	2.0	51.6	62.9	63.6	63.6	85.7	86.4	86.4	91.5	92.9	93.5	93.5	93.5	03.9		73.7
	001	7•□	A 1.9	63.3	63.9	63.9	86.7	87.4	87.4	93.5	94.9	94.	94.3	90.6	36.3	96.9	36.9
	001	2 • 0	51.9	63.3	63.9	63.9	87.8	89.4	яд, 4	94.6	95.9	97.1	97.3	91.6	0.80	9 8 € 7	Ģ A • i
	001	2.0	61.9	63.3	63.9	63.9	86.8	89.5	89.5	95.6	97.3	99.7	00.3	99.3	99.7	99.7	99.7
	001	2.0	61.9	63.3	63.9	63.9	48.8	89.5	A9.5	95.6	97.3	80.0	00.0	99.3	79.7	99.7	94.7
, E 1	001	2.0	61.7	6 7 . 3	63.9	63.9	88.8	87.5	89.5	95.6	97.3	80.0	99.3	99.5	170.0	133.0	100.3
E	nΗ	z.n	51.9	63.3	63.9	63.9	P8.8	89.5	<b>49.</b> 5	45.6	27.5	99.0	99.11	02 1	100.0	162.0	100.0
•	13.4	,	24.7	4 3 4 3	0 3 8 7	99	-0.0	G . • . J	77.5	40.0	71.5	Y	44.	9 4 . 3	10 • 0	100.0	11.0.0

## PEPCENTAGE FREQUENCY OF OCCURPENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

											MC# TH				1863-20	
IL ING	• • • • •			• • • • • • •		•••••		BILITY				• • • • • •	· · · · · · ·		• • • • • •	
IN		GF	G.E.	GF	G E	GE	G E	G.F.	GE	GE	GE	G F	5-0	1,1	1-1	4
EET	10	£	5			2 1/2		1 1/2	1 1/4	1	7/4	5,79	1/2	7/16	1/4	
CEIL I	• • • • • •	13.5	17.5	13.9	13.9	14.6	14.6	14.6	14.6	14.6	10.6	14.6	14.6	14.6	14.1	1 4
				13.7	=	- •				1410					_	
200001		14.2	14.2	14 . 6	14.6	15.3	15.3	15.3	15.3	15 • 3	15.7	15.3	15.3	15.3	i'.'	11.1
180001		14.2	14.2	14.6	14.6	15.3	15.3	15.3	15.3	15.3	15 - 7	15.3	15.3	15.5	15.3	15.5
160001		14.2	14.2	14.6	14.6	15.3	15.3	15.3	15.3	15.3	1	15.3	15.3	15.3	1	15.5
142001		14.2	14.2	14.6	14.6	15.3	15.3	15.3	15.3	15.3	1 5 + 2	15.3	15.3	15 + 3	15.3	15 . 7
12n00i		14.2	14.2	14.6	14.6	15.3	15 - 3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	1	1'. '
100001		17.C	17.0	17.7	17.7	19.8	19.A	19.8	19.8	19.8	19.6	19 · g	12.A	19.6	19.8	14.5
90001		17.D	17.0	17.7	17.7	19.8	19.8	19.8	19.8	19.8	10.8	19.8	1c b	19.8	17.5	1
arcci		17.3	17.0	17.7	17.7	19.8	19.8	19.8	19.8	19.8	10.0	19.8	19.4	14.H	17.4	19.5
70001		17.0	17.0	17.7	17.7	19.8	19.8	19.8	19.8	19.6	19.8	1 → . H	10.8	19	1 5	14.4
ec es !		17.6	11.3	17.7	17.7	19.8	19.8	19.8	19.8	19.6	10.5	19.8	19.9	17.0	19.8	19
50001		17.7	17.7	18.4	18.4	20+8	27.8	20.8	20.8	20.8	20.8	20.A	:3.8	26.4		
4 5 00 1		18.1	18.1	18.8	10.8	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.7	. 1 .
40001		18.8	18.8	19.4	19.4	22.2	22.2	22.2	22.2	22.2	22.2	32.2	22.2	22.2	22.2	
35001		17.8	19.8	20.5	20.5	23.6	21.6	23.6	23.5	23.6	27.6	23.6	25.6	23.6	. 1.6	23.6
30001	• ?	21.9	21.9	22.6	22.6	26 • C	26.0	76.C	26.0	26 • D	26.0	26.0	26.0	76.0	26.+0	26.0
25001		30.6	30.6	31.3	31.3	36.1	36.1	36.1	36.1	36.1	36.1	3/ +1	36.1	75.1	36.1	,,,,
20001	. 3	37.2	37.2	37.8	37.9	44.4	44.4	44.4	44.4	44.4	40.0	44.4	44.4	44.4	44.4	44.4
1enet	. 3	19.6	39.6	40.3	47.3	47.6	47.6	47.6	48.3	48.3	40.7	48.3	49.3	48.3	40.3	44. 1
1,001	. 3	44.4	44.4	45.5	45.5	53.8	53.8	54.2	55.2	55.7	55.2	55.2	55.2	15.2	55.2	
12031	• 3	54.5	54.9	55.9	55.9	69.8	69.8	70.5	72.6	72.6	77.6	72.6	77.6	72.6	77.6	22.0
10001	. :	57.3	57.6	58.7	58.7	75.0	75.0	75.7	78.9	78.8	79.8	74.8	79.9	19.0	79.A	74.4
2001		5.7.3	57.6	58.7	58.7	76.4	76.4	77-1	83.6	9B.E	An.A	87.6	87.5	90.6	80.6	بنين ه
9371	• 3	58.3	59.7	59.7	59.7	80.2	80.2	83.9	84.7	84.7	84.7	84.7	84.7	94.7	A 4 . 7	P4.7
7001	. 5	5 4.0	59.4	60.4	60.4	PZ. 6	82.6	83.3	88.2	RR.2	85.5	90.5	99.5	09.5	H Q . 5	F H . 4
6001	• 3	59.0	59.4	60.4	60.4	H4.4	84.4	85.1	91.3	91.3	91.7	91.7	91.7	91.7	41.7	~1.1
root	. 3	57.0	59.4	60.4	6ŋ <b>.</b> 4	95.1	85.1	86.1	93.1	93.8	94.4	94.4	94.4	94.4	, u . a	9 <b>4</b> . 4
4001	٠,٦	59.0	59.4	60.4	60.4	P6.5	86.5	97.5	95.1	95.8	96.5	97.7	97.6	21.6	27.6	27.6
1001	. 5	59.0	59.4	60.4	63.4	86.8	86 .8	88.2	96.5	97.2	97.9	99.3	99.3	29.3	99.3	99.5
2001	. 3	59.0	59.4	60.4	60.4	86.8	96.8	88.2	96.5	47.2	97.9	99.3	99.7	99.7	99.7	59.7
1001	• 3	59.0	59.4	60.4	60.4	86.8	86 .8	88.2	96.5	27.2	97.9	39.0	99.7	100.0	100.0	100.0
21	. 3	59.0	59.4	69.4	60.4	96.8	86.8	A 8 + 2	96.5	27.2	97.9	99.3	00 7	100.0	1an.o	100.0

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

TATION NUMBER										PERIOD HTM OH	, NOV	HOURS	tisti:	2100-23	
TLING		• • • • • • •	• • • • • • •	• • • • • • •	•••••			IN STATE			• • • • • • •	• • • • • • •	·	• • • • • • •	•••••
IN   GE	66	6.6	GΕ	r. F	Gξ	GE	Q.t	Sf	GF	(1	5 F	SE	ų f	r, E	6 <b>.</b>
EET 1 10	Ł	5	4		2 1/2		1 1/2		1	1/4	5/8	1/2	9/16	1/4	C
• • • • • • • • • • • • • • • • • • • •		• • • • • • •			• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •		• • • • • • •					
CEIL I	14.7	14.7	14.7	14.7	15.7	15 • 7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
- 200001	14.7	14.7	14.7	14.7	15.7	15.7	15.7	15.7	15.7	1 . , 7	15.7	15.7	15.7	15.7	15.7
180001	14.7	14.7	14.7	14.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
160001	14.7	14.7	14.7	14.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
140001	14.7	14.7	14.7	14.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
120001	14.7	14.7	14.7	14.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
	,	• • • •	• • • •	• . • .	• •	• •		13.7	1 3 • 1	•		• • • •	4 / • /	. , . ,	13.7
100001	20.1	20.1	20.1	20.1	21.8	21.8	21.0	22.2	22.2	27.7	22.2	22.2	22.2	22.2	22.2
95no l	20.1	27.1	20.1	20.1	21.8	21.A	21.8	22.2	22.2	22.2	35.3	22.2	22.2	22.2	22.
10008	20.1	23.1	20.1	20.1	21.8	21.8	21.8	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
70001	20.1	20.1	20.1	20.1	21.8	21.8	21.8	22.2	22.2	22.2	22.2	22.2	22.2	.2.2	22.2
60001	29.1	20.1	20.1	27.1	21.8	21 .R	21.8	22.5	22.2	22.2	22.2	22.2	22.2	22.2	22.2
								•							
50001	20+5	27.5	20.5	20.5	22.2	22.2	72.2	42.5	22.5	22.5	22.5	22.5	72.5	22.5	22.5
45 30 [	20.8	27.9	20.8	20.48	2249	22.9	22.9	23.2	23.2	21.2	23.2	23.2	23.2	21.2	23.2
40001	23.5	23.5	23.5	23.7	25.9	25.9	26.3	26.6	26 • 6	24.45	.6.6	26.6	76.5	25.6	26.6
3500	24.9	24.9	24.9	25 • 3	: 7 . 3	27.3	27.6	28.7	24.0	2 P • 7	24.0	28.0	76∙ე	20.0	2#•0
10001	28.3	2 9 • 3	28 • 3	2 R + 7	11.4	31.4	31.7	32.1	77.1	37.1	12.1	32.1	37.41	32.1	32.1
25.001			•. •		70 /	39.6			20.3	10.3	19.	10.3		• 0	- 5 -
	74.1 79.6	34.1	34 - 1	34 • 5	18.6		38.9	39.2	19.2	32.2		39.2	39.2	39.2	19.2
	1.	38.6 41.3	30.6 41.3	39.9	43.7	43.7	44.0	44.7	44.7	44.7	44.7	44.7	44.7	44.7 47.8	44.7
19001 14001	46.1	46.1	46 - 1	45.4	46.8 53.9	46.8 57.9	47.1	47.A		-					
1:01	58.3	59.0	90 • 1 94 • 2	50.0	71.6	71.0	54.3 71.3	54.9 73.4	54.9 73.7	54.9 73.7	54.9 73.7	54.9 73.7	54.9	54.9	54.9
1. 001	24.3	34.0	10 4 6	3 4 6 U	7 2 4 6	1 1 • ()	(1.5)	1 > • 4	13.1	, , , ,	13.1	13.1	73.7	73.7	73.7
irani	40.H	57.8	61.4	61.8	75.4	75.4	75 · B	78.5	74.8	79.9	78.8	74.9	78.9	78.8	78.8
9,31	61.4	51.4	62.1	62.5	76.8	16.8	77.1	80.2	80.5	Bn.5	PD.5	83.5	Rg.5	81.5	ac.5
A U.O.	51.A	61.9	62.5	62.8	79.2	79.2	79.5	82.9	A 7 . 3	61.3	я3.3	83.3	93.3	83.3	83.3
7601	62.5	62.8	63.5	63.A	81.9	81.9	92.3	89.7	49.1	80.1	87.1	39.1	99.1	87.1	59.1
663	63.1	6 . 1	63.B	64.5	p 3 . 3	83.3	A 3 . 6	91.B	92.9	2 - 0	22.6	92.R	92.9	92.8	94.6
													•	• •	
5 0 0 1	63.5	6 3 • 5	64.2	64.8	85. D	8 . • 0	85.3	93.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2
4001	63.5	63.5	64.2	64.8	P6.C	86.3	86.3	95.6	97.3	97.6	27.6	98.0	98.∃	98.0	98.0
300)	63.5	63.5	64.2	64.B	96.3	86.3	86.7	96.2	98.L	98.6	99.0	99.3	99.3	99.3	99.3
1005	63.5	63.5	64	64.8	86.3	86.3	86.7	96.6	98.3	99.0	99.3	99.7	99.7	100.0	100.0
1001	63.5	63.5	64 • 2	64.9	A6.3	86.3	86.7	96.6	98.3	90.0	33.	99.7	99.7	100.0	100.0
- 1	63.5	63.5			01.1	0.4				0					
* 1	2002	03.5	64.2	64.8	96.3	86.3	86.7	96.5	98.3	99.0	99.3	99.7	79.7	100.0	100.0

## PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VICIBILITY FROM HOURLY OBSERVATIONS

STATIO	N NU	MBER:	260635	STATI	ON NAME:	LENI	NG RAD U	SSR				PEP100	CF PFC	ORD: 77	- p 6		
												MONTH	: 40 V	HOURS	(( < 1 ):	ALL	
		• • • • •	• • • , •		• • • • • • •	• • • • • •							• • • • • • •	• • • • • •		• • • • • •	
CEILIN									BILITY								
IN	1	GE	GE	GE	GF	GΕ	GE	GE	GE	G€	6€	n į	64	G E	GE	fi f	et.
FEET	ı	10	6	5	4		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	Ú
	• • • •	• • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •		• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • • • • • •
NO CET	LÍ	• •	11.8	11.8	11.9	11.9	12.6	12.6	12.6	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
GE 200	100	. 3	12.7	12.7	12.8	12.8	13.6	13.6	13.6	13.7	13.7	17.7	13.7	13.7	13.7	17.7	17.7
GE 180		. 3	12.7	12.7	12.8	12.8	13.6	13.6	13.6	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
GE 160	-	. 3	12.7	12.7	12.8	12.8	13.6	13.6	13.6	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
GE 140		. 3	12.7	12.7	12.8	12 · H	13.6	13.6	13.6	13.7	13.7	17.7	13.7	13.7	13.7	13.7	13.7
6E 120	lco	• 3	12.7	12.7	12.8	12.8	13.6	13.7	13.7	13.7	13.7	17.7	13.7	1 ? • 7	13.5	1 1.8	13.5
GE 100		• 3	18.1	18.1	18.3	18.3	2C.3	27.4	20.4	20.5	20.5	20.0	20.5	20.5	20.5	20.5	20.5
GE 90		• 3	18.1	18.1	18.3	10.3	26.3	20.4	20.4	20.5	20.5	27.5	20.5	20.5	20.5	10.5	7 C • 5
GE 80		• ?	1.8.1	18.1	10.3	18.3	20.3	20.4	20.4	20.5	20.5	20.5	20.5	20.5	20.5	( ) s	20.5
GE 701		• 3	18.1	18.1	18.3	18 • 3	20.3	20.4	20.4	20.5	20.5	5.0 ⋅ ε	2g•5	50.5	20.5	20.5	20.5
GE 60	001	. 3	18.1	18.2	16.3	18.4	26.4	27.5	70.5	20.6	30.6	20.6	20.6	20.6	20+6	50.€	20+6
GE 50	100	. 3	18.3	18.4	18.5	18.5	76.6	27.7	20.7	20.4	20.8	20.0	20.8	23.0	20.8	29.A	7 J. A
	col	. 3	18.6	18.7	16 . 8	18.9	21.0	21.1	21.1	21.2	71.2	21.2	71.7	21.2	21.2	21.2	71.7
	001	• •	20.3	20.4	20.5	20.6	22.8	22.9	22.9	23.0	23.0	27.0	21.0	23.0	23.1	23.1	23.1
	coi	. 3	21.3	21.4	21.5	21.6	23.9	27.9	24.0	24.1	24 - 1	24.1	24.1	24.1	24.2	24.2	24.2
	001	. 3	24.1	24.2	24.3	24.4	27.4	27.5	71.t	27.8	27 + B	. 7 P	21.A	27.5	7.3	.7.R	27.6
	001	• 3	32.6	32.5	12.9	33 • C	76.9	37.0	37.1	37.3	77.3	37.7	37.3	37.3	17.4		*7.4
	001	. 4	3 H • C	38.2	38 • 5	38.6	43.8	43.8	43.9	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.4
	COL	. 5	4 J. B	41.1	41.4	41.5	47.3	47.4	47.5	48.7	44.0	40.0	48.0	43.0	4 6 • C	4 A . C	45.1
	001	. 6	45.3	45.6	45.9	46.1	5.3.7	53.8	53.9	54.6	.4.6	.4.6	54.6	54.6	54.7	54.7	£4.7
GE 12	001	. 6	54.7	55.1	55.6	55.7	68.0	6 P . 2	68.4	10.2	70.3	10.1	70.4	70.4	70.5	70.5	76.5
GE 10	CO!	. 6	57.6	5 4 . 0	50.6	58.7	73.8	73.9	74.1	76.4	76.7	76.0	76.8	76 . A	77.3	77.C	77.0
	ee i	.6	48.2	58.6	59.2	59.3	75.8	76.0	76.2	79.1	79.3	79.4	79.5	79.5	79.5	79.6	79.7
GE B	100	. 6	59.1	59.5	60.1	60.3	79.2	79.3	79.5	82.7	4 3 . C	87.1	93.1	83.2	n 3 . 4	5 . 4	93.4
G F 7	ยวโ	. 6	59.6	60.3	60.9	61.1	82.1	82.2	82.5	87.2	P7.5	67.5	87.7	87.7	98.0	88.0	P.H
ee e	çci	. 6	60.1	67.6	61.2	61.4	8 5. 7	83.9	84.1	30.5	90.9	91.2	91.3	91.4	01.6	91.6	91.7
GE 5	00 I	• 6	60.7	61.2	61.8	62.0	85.2	85.4	85.7	97.6	93.7	94.7	94.3	94.4	04.7	94.7	94.8
	001	• 6	50.7	61.2	61.9	62.1	P6.3	86.4	86.9	94.3	95.5	96.1	96.5	96.9	97.1	97.1	91.2
	ופט	.6	6g.8	61.3	61.9	62.2	h6.8	87.0	87.4	95.1	75.5	97.1	97.9	98.3	98.89	98.8	99.1
•	001	.6	60.9	61.3	62.0	62.2	86.9	87.C	87.5	95.1	96.6	97.1	98.1	98.5	99.1	70.5	79.6
	001		60.9	61.4	62.0	62.2	A6.9	87.1	87.6	95.4	96.7	97 4	98.2	98.6	09.5	99.7	100.0
		•	-0.	01.4	02.0	5	,	0.11	5		,			70 • ()	. , , ,	• 1	
GE	01	. 6	61.6	61.4	62.1	62.3	87.0	87.1	87.6	95.4	95.7	97.4	98.2	98.7	99.6	99.7	100.0
• • • • • •	• • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •

## PERCENTAGE FREQUENCY OF OCCUPPENCE OF CETLING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 17-86

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

											MONTH		FOLAS	tistt:			
	LING	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	•• • • • • •	v 15 T	*******	IN STATE	(TC M34)	• • • • • • •	• • • • • • •		• • • • • •	• • • • • • •	•••••••	
	N I GE	GE	6.6	GE	GŁ	3Đ	66	36	66		r.	6 :	Б£	GE	5.6	( r	
	ET I 10		5	4		2 1/2		1 1/2		1	1/4	5/8	1/2	5/15	1/4	L	
		••••											•				
N 0	CEIL	11.2	11.2	11.2	11 • 2	15+2	15.2	15.2	16.2	16.5	16.5	16.5	16.5	17.2	17.2	17• <i>č</i>	
G.F	200001	12.5	17.5	12.5	12.5	16.5	16.5	16.5	17.5	17.5	17.8	17.6	17.8	18.5	15.5	15	
GE	180001	12.5	17.5	12.5	12.5	16.5	16.5	16.5	17.5	17.8	17.4	17.8	17.8	18.5	1 = . 5	15.5	
6 E	160001	17.5	12.5	12.5	12.5	16.5	16.5	16.5	17.5	17.8	17.0	17.8	17.8	18.5	10.0	18.5	
GΕ	14"001	12.5	12.5	12.5	12.5	16.5	16.5	16.5	17.5	17.8	17.0	17.8	17.8	18.5	19.5	18.5	
GΕ	120001	12.5	17.5	12.5	12.5	16.5	16.5	16.5	17.5	17.8	17.0	17.8	17.9	18.5	1 4 . 5	18.6	
GΕ	100001	18.2	18.2	18 • 2	18.2	23.4	23.4	23.4	24.4	24.8	24.0	24.6	24.8	25.4	26.4	25.4	
G F	90301	18.2	18.2	18.2	18.2	23.4	23.4	23.4	24.4	24.8	24.4	24.8	24.8	75.4		25.44	
GE	80001	18.2	18.2	18.2	19.2	23.4	23.4	23.4	24.4	24.8	24.8	24.9	24.8	25.4	26.4	25.4	
G F	7000 l	18.2	18.2	18.2	18.2	23.4	23.4	23.4	24.4	24.8	24.0	24.8	24.8	25.4	25.4	25.4	
6 €	6,001	1 4 - 2	18.2	18.2	18.2	23.4	23.4	23.4	24.4	24.8	24.8	24.9	24.3	20.4	25.4	25.4	
6 F	50001	18.5	18.5	10.5	18.5	21.8	23.8	23.8	24.8	25.1	25.1	25.1	25.1	25.7		. 5 . 7	
GE	45001	18.5	18.5	18.5	18.5	24.1	24.1	24.1	25.1	25.4	25.4	25.4	25.4	76.1	. 6 . 1	26.1	
G.E	40001	18.8	18.8	18.8	19.5	24.4	24.4	24.4	25.4	25.7	25.7	25.7	25.7	26.4	64.4	11.4	
GE	3°ucl	18.8	18.8	18.8	18.8	24.8	24.8	24 · B	25.7	26.1	26.1	26.1	25.1	25.7	26.7	26.7	
υE	30001	20.1	2 n • 1	20 • 1	20.1	26.1	26 • 1	26.1	27.1	27.4	27.0	21.4	21.4	79+1	1	26.1	
f, F	25001	22.+	27.6	22 • 8	22.9	3C. 7	3ŋ.7	30.7	32.0	12.1	32.3	32.3	32.3	13.0	73.0	11.€	
5 f	25001	25.7	25.7	25 • 7	25.7	35.3	35.3	35.3	37.3	37.6	37.6	37.6	37.6	18.3	38.3	*A_*	
ЬE	18001	27.7	21.7	27.7	27.1	38.9	38.9	38.9	40.9	41.3	41.3	41.3	41.3	41.7	41.9	41.9	
G.F	1500]	31.7	31.7	31 . 7	31.7	45.2	45.2	45.2	47.7	48 . ?	48.7	48.2	48.7	44.5	48.5	48.8	
6 f	12001	17.C	37.0	37 • 0	37.0	58.4	5 R . 4	58.4	62.4	43.0	61.7	4.3.4	63.4	64+D	ξ4.7	64.3	
GE	10001	:9.€	39.6	39 . 6	39 • 6	64.4	64.4	64.4	68.6	69.3	69.3	49.6	69.6	20.3	10.1	76.3	
i» E	9001	4 C • 3	40.3	40.3	40.3	66.7	66.7	66.7	71.6	72.3	12.3	72.6	12.5	73.3	7 7 . 3	73.5	
6 F	001	40.9	40.9	40.9	43.9	69. D	69.3	69.6	74.9	75.6	75.6	75.9	15.9	76.6	75.6	76.6	
6 €	7001	41.7	41.3	41.3	41.3	72.3	72.6	72.9	78.9	79.5	79.5	80.2	83.2	9.0	A0.9	4 U . 4	
G F	6001	41.6	41.6	41.6	41.6	76 • 6	76.9	77.2	85.5	86 * I	P6.5	87.1	R7.1	91.8	47.8	91.9	
6 F	500 <b>1</b>	41.9	41.9	41.9	41.9	78.5	78.9	79.2	88.1	P Q . U	A 9 . A	9 m . A	9 ) . R	91.4	<b>61.4</b>	91.4	
6 E	4001	43.2	43.2	43.2	43.2	A 1.5	81.8	82.2	92.1	93.7	94.1	95.4	95.7	96.4	96.4	96.4	
GE	3001	43.2	43.2	43.2	43.2	92.2	82.5	92.8	93.7	95.4	95.7	97.7	98.3	99.3	93.0	99.0	
6 E	1001	43.2	43.2	43.2	43.2	82.2	82.5	82.8	93.7	95.4	95.7	94.3	99.0	99.7	99.7	99.7	
GΕ	100	43.2	43.2	43.2	43.2	A2.2	82.5	82.8	93.7	95.4	96.7	98.L	63.0	100.0	100.0	100.0	
5.6	91	43.7	43.2	43.2	43.2	A2+2	82.5	A 2 . A	93.7	95.4	¥1.7	29.0	63.5	170.0	100.0	100.0	

## PERCENTAGE FREQUENCY OF OCCURPENCE OF CELLING VERSUS VICIFILITY FROM HOURLY OBSERVATIONS

	JMBER: 260630									MONTH	. U.E.L. O.E. HELD	+.0UPS	GSD:		
CEILING	••••••	• • • • • • •		• • • • • •			PILITY				• • • • • • •			• • • • • • •	• • • • • • • • • • • •
IN E	66 66 10 6	ج. ج.			GE 2 1/2	6 E 2	1 1/2 61	61 1 1/4	(, f 1	5. V.A.	51 578	5E 172	0f 716	5) 174	. f 
NO CEIL	12+6	12.6	12.6	12.6	17.3	17.3	17.3	10.4	18.3	10.7	14.3	18.9	18.9	10.9	19.4
6E 200001	12.6	12.6	12.6	17.6	17.3	17.6	17.6	18.6	18.6	10.6	18.6	19.3	19.3	19.3	19.3
6f 180001	12.€	17.6	12.6	12.5	17.3	17.6	17.6	18.6	18.6	10.5	19.5	17.3	19.3	19.7	19.4
GE 16000	12.6	12.6	12.6	12.6	17.3	17.6	17.6	18.6	18 + 6	15.5	18.6	19.3	19.3	19.3	19.7
GF 140001	12.6	12.6	12.6	12.6	17.3	17.6	17.6	19.6	18.6	1 5 . 1	19.6	19.1	19.3	19.3	19.3
ei 150041	12.0	12.6	12.5	12.6	17.3	17.6	17.6	18.6	18.6	1 3 . 4	19.5	19.3	1 7.3	1 % • 3	14.7
6E 107001	16.3	16.5	16.3	16.3	22.6	22.9	23.3	24.9	24.9	24.0	24.9	25.6	25.6	21.6	75.6
GE 9cool	16.3	16.3	16.3	16.3	22.6	22.9	23.3	24.9	24.9	24.9	24.9	25.6	25.6	21.6	25.
6f 8000l	16.3	16.3	16.3	16.3	22.6	22.9	23.3	24.9	24.9	20.9	24.9	25.6	25.6	21.1	25.5
64 70001	16.3	16.3	16.3	16.3	22.6	22.9	23.3	24.9	24.9	24.6	24.9	25.6	25.6	35.6	25.1
61 60001	16.3	16.3	16 • 3	16.3	22.6	22.9	23.3	24.7	24.9	è 4 • •	74.9	25 • 5	25.6	25.6	2 4
66 50001	16.3	16.3	16.3	16.1	22.6	22.9	23.3	24.3	24.9	74.4	74.4	25.6	75.6	25.6	, c. +
6E 45331	16.9	16.9	16.9	16.9	23.3	23.6	23.9	25.6	35.6	25.4	35.6	26.2	26.2	26.2	20.1
66 40001	17.9	17.9	17.9	17.9	24.3	24.6	24.9	26.6	.6 . €	26.6	26.6	27.2	21.2	27.5	21
6E 35001	18.6	18.6	18.5	18.6	24.9	25.2	25.6	27.2	27.2	2	77.2	27.9	77.9	1.9	27.9
65 30001	19. !	19.3	19.3	10.3	26+2	26.6	26.9	28.6	28 • 6	2 = . h	7 # • 6	29.2	29.2	29.2	79.7
61 25 001	21.9	. 1	21.9	21.9	29.2	29.6	29.9	31.+	11.6	31.6	11.6	32.2	32.2	32.2	12.2
61 20001	23.6	23.6	21.6	23.5	11.2	31.6	31.9	33.7	71.0	77.3	22.9	34.6	34.5	34.6	74.6
64 1500l	252	25.2	25 . 2	25.2	13.6	39.2	34.9	36.0	26.4	31.0	16.9	37.5	37.5	37.5	17.5
66 i 031		(9.9	9.00	23.9	0.7.6	41.7	42.2	44.7	44.7	44.7	44.2	44.9	44.7	44.0	14.5
6F 1800F	17	5.7	11.4	37.2	57.1	57.8	50.0	61.9	61.H	51 • •	61.8	62.5	62.5	62.5	. 2.5
5E 15301	41.2	+1	41.2	91.2	1	67.1	e → . 1	71.4	72.1	72.1	72.1	12.9	72.8	12.0	72.8
54 Sept.	12 2 4 5	41.5	41.5	41.5	1.7.4	68.4	69.4	73.1	73.4	77.4	73.4	74 . 1	74.1	74.1	74.1
GF PICT	4	4	47.2	43.0	71.1	12.4	73.4	77.7	28.4	75.4	79.7	77.4	79.4	79.4	79.4
6E 7631	47.9	4.7.4	4.	40.9	71.4	77.1	78.1	87.1	P ? • 7	87.7	яч.1	84.7	94.7	84.7	64.7
6F 6334	4.5.1	41.9	43.5	41.5	2 H • 7	80.7	# 1 · 7	82.3	90.0	, , u	90.4	91.0	91.0	91.0	91.7
6f (60)	44.5	44.5	44.5	44.5	H 7	82.7	p 1. 7	91.4	42.4	9 . 4	1	93.4	93.4	42.4	43.4
6E 461	14.4	94.9	44.4	44.9	47.1	A4 . 2	85.7	94.4	0.5	91.7	26.0	25.7	76.7	95.7	96.7
6F 3301	44.5	44.9	44.5	44.7	63.1	a c . O	96.0	94.7	96.0	94.7	97.1	, o . j	99.3	99.1	20.1
66 2511	99.4	44.9	44.4	44.9	93.1	ps. 7	Ph.J	95.0	34 . 7	97.0	SA.	99.3	29.7	39.7	99.7
5F 1001	44.9	44.4	44.4	44.9	01.1	ar	"h.C	96.	96.₹	9	98.3	7.00	100.0	100.0	100.0
6€ :I	4.9	44.9	44.9	44.)	s : 1	85 • J	86.0	95.0	26.3	97.	V#.J	99.3	100.0	100.0	100.0

FOTAL NUMBER OF ORSHWATIONS. 101

### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 77-86 MONTH: DEC HOURSILSTE: 0400-0500 CEILING | GE CEILING VISIBILITY IN STATUTE MILES
IN I GE GE GE GE GE GE GE GE GE GE GE FE
FEET | 10 6 5 4 3 2 1/2 2 1 1/2 1 1/4 1 7/4 GE 5t of 174 r 1/2 5/16 5/8 NO CEIL I 12.8 12.8 12.8 12.8 16.4 16.4 17.0 17.6 17.9 17.6 17.5 16.4 17.4 17.0 17.8 GE 200001 17.4 18.5 10.5 13.8 17.4 18.8 15.8 14.6 16.6 13.8 13.8 13.8 17.4 18.5 18.8 18.5 18.5 18.5 10.9 10.9 19.8 19.8 18.8 18.8 GE 180001 13.8 13.8 13.8 17.4 17.4 17.4 18.5 10.8 10.0 13.8 13.8 13.8 13.8 17.4 19.9 19.9 18.6 18.6 GE 160001 13.8 17.4 17.4 18.5 19.5 18.9 13.8 GE 140001 13.8 17.4 17.4 18.5 18.5 GE 120001 13.8 13.8 13.8 13.A 17.4 17.4 18.5 14.9 28.9 20.0 20.0 20.1 28.5 29.9 GE 100001 20.1 20.1 20.1 25.8 26.2 26.5 28.5 28.9 28.9 26. 28.5 , n , q 78.9 28.9 24.4 20.1 29.1 20 · 1 20 · 1 20.1 25.8 25.8 28.5 ;-. · 26.2 26.5 GE 80001 20-1 26.5 28.5 28.5 28.7 28.9 76 . 7 74 . 9 26 • 2 26 • 2 20.1 20.1 25.8 20.1 20.1 20.1 28.4 26 .2 60001 20.1 20 - 1 25.8 2A.9 29.2 29.5 29.5 29.9 50001 20.5 21.5 26.8 28.9 28.9 29.2 29.2 24.0 29.7 20.5 20.5 20.5 26.2 20.8 20.8 20.8 27.2 29.7 29.5 29.5 29.5 29.5 GE 45001 20.8 26.5 26.8 26 · 8 27 · 2 29.2 29.5 20.0 30.0 30.6 40001 GΕ 29.5 35 00 1 27.2 27.9 27.9 29.9 30.2 GF 30001 22.5 22.5 22.5 22.5 29.5 29.9 30.2 32.2 32.2 32.6 32.5 72.6 72.6 35.6 ;c.6 15.6 25001 24.8 35.2 35.2 75.6 35.4 75.6 GΕ 24.8 24.8 33.2 24.8 32.6 32.9 2000| 1900| 26.5 26 • 5 27 • 5 26.5 27.5 35.6 36.9 44.0 35.9 37.2 38.6 39.9 47.3 ₹8.6 35.0 18.9 38.9 38.9 30.0 76.9 G E 26.5 36 · 2 47.3 43.3 40.3 5 F 43.3 46.3 47.7 15001 31.2 31.2 31.2 44.3 G F 31.2 44.6 41.7 62.4 GE 12001 58.7 62.8 63.1 58.1 63.4 38.6 77.5 73.5 7 1 . 6 G E 10001 42.6 42.6 42.6 42.6 67.8 68.5 70.1 22.9 73.2 73.5 73.8 73.9 76.2 87.5 85.6 76.6 70.5 73.2 71.5 G E G E ⇒uol 43.0 43.0 43.C 43.0 69.5 15.5 75 • 8 90 • 2 76.2 76.2 76.5 44.3 44.3 72 .B 79.5 80.5 A7.9 # 00 I 44.3 44.3 72.1 80.5 9.59 P1.2 45.0 45.3 45.C 96.6 99.3 46.6 G F 7 00 i 45.0 45.0 75.5 76.2 76.8 84.6 85.2 85.2 45.3 45.3 77.5 78.2 78.9 86.9 5001 46.3 46.3 46.3 46.3 79.5 80.5 90.6 91.6 91.9 91.9 93.0 GE 81.2 91.3 94.7 95.7 95.6 46.3 87.2 95.6 97.0 95.0 G E 4001 46.3 46.3 46.3 81.2 92.9 93.0 23.6 97.0 97.0 97.3 94.0 94.6 GE 3001 46.3 46.3 81.5 83.2 94.7 99.0 . 3 46.3 28.7 G.F 2001 94. 8 95.1 97.3 97.7 99.0 99.3 46.3 94.5 25.0 99.7 99.7 100.0 1001 . 3 46.3 46.3 46.3 46.3 81.5 82.6 83.2 97.3 01 .3 94. 1 46. 3 81.5 95.4 46.3 46.3 46.3 82.6 83.2 95.17 97.3 97.7 99.7 99.7 1:0.0

PERCENTAGE FREQUENCY OF OCCURPENCE OF CFILING VERSUS VILLETY FROM HOUPLY OBSERVATIONS

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 77-P.C.
HONTH: FEC HOURS(EST): 6900-1100

															l i.	
0.011.1	• • • • •	• • • • • • •	• • • • • • •	• • • • • • •				IN STATE			• • • • • • •	· · · · · · ·	• • • • • • •	• • • • • • •	• • • • • • • • •	• •
CEILING IN 1 GE	GE	G E	GE	GE	GE	GE		C.E	0.6	L.E	(, 1					
	6	5 .	U.C.		2 1/2		GE 1 1/2		1	174	5/6	9.E 17.5	6f 5716	5E 174	⊌F C	
							-	-				• .	-			
• • • • • • • • • • • • • • • • • • • •	• • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • •		• • • • • • •		• • • • • • •	• • • • • • •	• • • • • • •				٠.
NO CEIL I							15.2									
NU CEIL I	12.7	12.7	12.7	12.7	15.2	15.2	13.2	17.5	17.5	1 ' . '	17.3	17.3	17.7	17.7	17.7	
GF 200001	13.4	13.4			1, 7		• • •		. 0							
			13.4	13.4	16.3	16.3	16.3	19.4	19.4	10.4	1 4 4	19.4	18.7	14.7	1 7	
6E 18CCO	13.4	13.4	13.4	13.4	16.3	16.3	16.3	18.4	18.4	16.4	14.4	14.4	18.7	1 2 . 7	1 ~ • 7	
GE 160001	13.4	13.4	13.4	13.4	16.3	16.3	16.3	18.4	19.4	1	14.4	19.4	18.7	1 . 7	10.7	
GE 143031	13.4	13.4	13.4	13.4	16.3	16.3	16.3	18.4	1 A . 4	1 4	14.4	10.4	16.7	14.7	1 ~ . 7	
GE 120001	13.4	13.4	13.4	13.4	16.3	15.3	16.3	18.4	19.4	10.	1 -	14.4	16.7	1 . ,	18.7	
G€ 100001	17.3	17.3	17.3		- 2 4	22.4			25.8							
,		-		17.3	22.6	55.6	22.6	25.4		75.4		75.6	74.1	. 1	26.1	
GE 90001	17.3	17.3	17.3	17.3	22.6	22.6	22.6	25.4	75 • A	25.4	25.4	. S. A	20.1	2001	71.4	
	17.3	17.3	17.3	17 • 3	22+6	55.6	25.6	25.4	25 • F	21.5	75.4	25.5	76.1	25.1	1	
6E 70001	17.3	17.3	17 • 3	17.3	22.6	22.6	22.6	25.4	25 • F	25.4		. S . A	21.1	. 6 - 1	26 - 1	
CE EUGO!	17.3	17.3	17.3	17.3	22.6	22.6	22.6	25.4	75.8	5,4	>4.4	.`5 • °	26.4	1	25.1	
GE Scool	17.3	17.3	17.3	17.3	22.6	22.6	22.6	25.4	25.A	21.6	. 6	25.0		S	20.1	
GE 45001	17.3	17.3	17.3	17.3	22.6	22.6	22.6		25.6			25	25.1	26.1		
GE 40001	17.3	17.3	17.3	_	23.0	21.3	23.0	25.4 25.9	26.1				76.1	* • 1	21.1	
GE 35001	17.3	-	-	17.3						26.1	36.1	24.1	25+5			
		17.3	17.3	17.5	23.5	23.5	23.3	26.1	76.5	2, ,	26.5	25.5	26.4	. h		
GE 3000	19.1	19.1	19.1	19.1	25.1	25.1	25.1	27.7	26.3			. 4 • 1	26.5	. 4.5	. P . f	
GE 25001	23.C	23.0	23.0	23.0	3C • O	30.0	30.0	37.9	13.2	37.2	11.	33.2	,,,,	17.6	17.6	
GE 20001	25.A	25.8	25.8	25.8	15.3	35.3	35.3	36.2	38 . 4	30.0	18.5	39.5	1n.9	34.0	3.5	
GE LEDOI	78.6	28.6	28 • 6	28.6	178.9	30 ° 0	37•3 38.9	41.7	42.0	41.5	42.0	42.0	42.4	4.7.4	42.4	
GE 15001	12.9	32.9			45.9	45.9	45.9	47.5	49.8	45.6				17.2	60.7	
GE 12001			32.9	32.9							49.8	49.4	50.2			
06 1,001	39.2	39.2	39 • 2	39 • 2	56.9	56.9	56.9	61.0	62.2	62.2	65.6	62.5	F 9	62.3	F 2 . 4	
GE 10001 .4	42.8	4 ; "A	42.8	42.8	64.7	64.7	64.7	13.1	71.0	71.7	71.4	71.4	*1.7	71.7	71.7	
GE 9001 .4	44.2	44.4	44.2	44.2	67.1	67.1	67.1	13.1	73.5	77.	74.2	74.2	74.6	74.6	74.6	
GE 8001 .4	46.6	46.6	46.6	46.6	72.1	72.1	72.1	78.1	7A . 4	70.4	79.3	79.2	73.5	77.5	79.5	
GF 70C1 .4	47.3	47.5	47.3	47.3	76.3	76 - 1	76.3	63.7	94.1	P 4 . 5	n c	85.2	95.5	95.5		
GE 6601 .4	47.3	47.3	47.3	47.3	77.4	77.4	77.4	85.5	P6 . 2	P7.5	" > • 4 a.gt	88.3		49.7	85.5 88.7	
00 0001 .4	47.5	4 / . 3	41.5	4/.5	,,,,,	//.4	,,,,	60.0	Ph • 2			***	P6.7	44.	***	
GE SOCI .4	49.1	4 A . 1	48.1	48.1	74.9	79.9	79.9	89.0	DH . 7	97.1	21.5	91.5	91.9	91.9	91.9	
GE 4001 4	48.1	4 4 . 1	48.1	48.1	PU 2	80.7	80.2	84.8	90.5	9.7	94.6	94.5	95.1	35.1	95.1	
6E 3001 .4	48.1	48.1	48 - 1	48.1	A 2 • G	82.0	82.0	92.6	93.	91.1	97.	97.5	99.3	90.3	99.3	
GE 2001 .4	48.1	4 F . 1	48.1	44.1	A 2 . 3	82.3	82.3	92.9	93.6	9	97.	98.2	100.3	100.0	100.0	
GE 1001 .4	48.1	48.1	48.1	48.1	R2.3	87.3	82.3	92.9	95.6	91.4	27.9	99.2	1,00.0	100.0	100.0	
30 100) 14	* * * 1	4.7.1	70 * 1			0	94.3	72.4	7 ) . 0	• • •		***	1 0.0	100.0	11.6.0	
GE 71 .4	4 A . 1	48.1	48.1	44.1	82.3	82.3	P 2 • 3	92.9	23.5	91.4	97.3	98. 7	120.0	100.0	100.0	
										-	-			10.110	. 0.0	
								• • • • • • •			• • • • • • •					• •

### PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIFILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 260633 STATION NAME: LENINGRAD USSR PERIOD OF PECOPO: 77-86 HOSTH: DEC HOURSILSTI: 1200-1410 VISIBILITY IN STATUTE MILES CEILING GE r. E rs F 1 GE GE GE GE GF 2 1 1/2 1 1/4 GE SE 65 1716 FEET | 1C 3 2 1/2 5/8 1/2 NO CEIL 1 .7 13.5 13.5 13.5 13.5 10.2 18.2 19.1 19.5 17.5 19.6 19.9 19.4 19.0 1 4 . 4 27.5 27.5 27.5 20.1 20.1 20.5 20.5 20.5 20.5 17.8 20.5 23.5 SF 200001 14.2 14.2 14.2 14.2 18.8 18.8 18.8 20.1 20.1 18.8 20.1 20.1 20.5 70.5 75.5 GE 180001 . 7 18.8 19.R 20.1 14.2 14.2 14.2 14.2 18.8 14.2 14.2 18.8 18.8 20.1 20.1 14.2 18.8 14.2 14.2 14 . 2 23.5 33.5 GE 140001 14.2 14.2 18.8 18.8 19.8 19.9 20.1 20.1 27.1 20.5 GE 120001 14.2 14.2 18.8 18. R 19.8 20.1 20.1 22.1 23.5 10.5 18.8 GF 100001 28.1 30.4 30.7 21.5 21.5 21.5 28.1 11.0 11.0 30 . 7 31.0 37.7 31.0 31.0 31.0 71.4 GΕ 90001 21.5 21.5 21.5 28.1 28.1 28.1 30.4 70.7 30.7 71.9 31.0 21.5 21.5 30.7 6 E 21.5 21.5 28.4 28.4 28.4 31 • 0 70001 28.4 G E 60001 21.5 21.5 21.5 21.5 28.4 28.4 28.4 30.7 31.0 31.0 31.0 31.4 1.4 71.4 71.4 G E 50001 21.5 28.4 28.4 28.4 30.7 71.0 31.0 31.0 21.5 21.5 21.5 31.4 11.4 31.4 31.4 71.4 72.0 32.0 1.4 12.5 32.5 45001 21.5 21.5 22.1 22.1 21.5 28.4 28.4 28.4 30.7 11.0 31.0 31.0 31.4 31.4 21.5 40001 35001 22.1 29.0 29.0 29.0 29.0 29.0 29.0 32 + Q 32 + Q 32.0 32.0 G F . 7 22.1 31.4 31.7 31.7 31.7 22.1 22.1 31 . 7 31 - 7 31.7 30001 31.0 17.6 37.6 25001 37.3 G F 26.4 26 +4 26 . 4 26.4 74.7 34 . 7 34.7 37 . 0 37.3 37.3 37.6 77.6 20001 41.3 29.4 38.3 38.3 40.6 40.9 40.9 40.9 41.3 6 F 29.4 29.4 29.4 38.3 41.3 39.6 42.2 42.5 1ª cal ₹0.4 30.4 30.4 30.4 39.6 39.6 42.2 42.2 42.6 42.9 32.7 32.7 32.7 43.6 6 E 15001 32.7 43.2 45 9 46.9 47.2 41.3 12001 60.1 61.1 61.7 41.5 61.1 61.4 61.7 61.7 49.3 I. F 10001 43.6 43.6 45.2 63.0 63.4 67.7 68.6 68.6 69.0 69.3 69.3 £9.6 75.6 GE 9 cn t . 7 45. 45.2 45.2 67.3 67.7 69.6 74.6 75.6 75.9 76.2 76.2 76.2 76.6 80.5 91.5 81.8 45.5 45.5 19.2 80.9 81.2 91.2 P 0 0 1 45.5 45.5 69.3 71.0 00.5 ۍ <del>د</del> 69.6 85.1 7001 45.9 45.9 45.9 45.9 72.9 73.3 74.6 83.5 A5.1 86.5 87.8 90.1 G F 6001 46.2 46.2 46.2 46.2 13.9 74.3 75.6 85.8 88.4 89.1 89.8 99.8 90.4 95.1 93.4 5001 87.5 P9.8 90.4 91.7 92.7 GE 46.2 46.2 75.2 76.9 92.7 46.2 46.2 74.9 46.2 94.4 96.7 46.2 46.2 46.2 75.9 76 .2 77.9 92.4 93.4 95.4 96.4 97.3 SE 4001 89.8 G E 94.4 3001 . 7 46.2 46.2 46.2 46.2 76.2 76.6 78.2 9 0 . 8 93.4 25.7 96.7 98.0 98.7 2001 76.9 78.5 93.7 99.3 46.2 46 . 2 46.2 76.6 96.0 97.0 98.3 98.7 46.2 96.0 GE 1001 78.5 91.1 94.7 97.0 100.0 96.0 G F οl . 7 46.2 46.2 46.2 46.2 76.6 76.9 78.5 91.1 91.7 94.7 97.0 98.7 99.0 100.0

## PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIFILITY FROM HOURLY OBSERVATIONS

				-			ING RAD U					HONTH		HOURS	(LST):		
	LING	• • • • •	• • • • • •				•••••		BILITY				• • • • • • •		• • • • • •	• • • • • •	•••••
	IN I	GE	GF	GE	GΕ	GE	GE	GE	GE	GE	GE	. 66	GE	G E.	r.E	ſιί	ù£
		13	- 6	5	4		2 1/2		1 1/2		1	3/4	5/8	1/2	c/16	1/4	υ, ε
N O	CEIL	• 7	15.4	15.4	15.4	15.4	19.3	19.3	19.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	23
_	200001																
	200001	. 7	17.c	17.0	17.0	17.0	21.3	21.3	21.3	22.3	22 • 3	22.3	22.3	22.3	72.3	22.3	22.3
	160001	. 7	17.3	17.0	17.0 17.0	17.0	21.3	21.3	21.3	22.3	22.3	22.3	22.3	22 • 3	22+3	22.3	22.3
	140001		17.0 17.0	17.0		17.6	21.3	21.3	21.3	22.3	72 • 3	22.3	22.3	22.3	22.3	22.3	22.3
	120001	.7	17.0	17.C	17.0 17.0	17.0	21.3	21.3	21.3	22.3	22.3	22.3	22.3	22.3	72.3	22.3	22.3
9.6	12031	• '	17.0	17.0	17.0	17.0	21.3	21.3	21.3	22.3	22.3	47.5	22.3	22.3	22.3	27.3	22.3
6 E	100001	1.0	24.3	24.3	24.3	24.3	31.1	31.1	31.1	34.1	34.1	34.1	34.1	34 • 1	34 - 1	74.1	74.1
GE	90001	1.0	24.3	24.3	24.3	24.3	31.1	31.1	31.1	34.1	34 - 1	34 1	34.1	34.1	34.1	34.1	34 - 1
GE	80001	1.0	24.3	24.3	24 . 3	24.3	31.1	31.1	31.1	34.1	34 1	34.1	34.1	34.1	14.1	34.1	34.1
GE	70001	7.0	24.3	24.3	24.3	24.3	31.1	31.1	31.1	34.1	34 - 1	34.1	34.1	34 - 1	34 - 1	34.1	34.1
6.6	60001	1.0	24.3	24.3	24.3	24.3	31.1	31.1	31, 1	34.1	34 - 1	34.1	34.1	34.1	74.1	34.1	34.1
		(/								,,,,,	,						
GE	50001	1.0	24.3	24.3	24 = 3	24.3	31.1	31.1	31.1	34.1	34.1	34.1	34.1	74.1	34.1	34.1	***1
GΕ	45031	1.0	24.3	24.3	24 • 3	24.3	31.1	31.1	31.1	34.1	34.1	34.1	34.1	34 . 1	74.1	34.1	24.1
G E	4.2001	1.0	24.3	24.3	24 . 3	24.3	31.1	31.1	31.1	34.1	34 . 1	34.1	34.1	34.1	74.1	34.1	74.1
GΕ	35001	1.0	24.5	24.3	24.3	24.3	31.1	31.1	31.1	34.1	34 - 1	34.1	34.1	34.1	74 - 1	34.1	74.1
GE	30001	1.3	25.6	25.6	25 • 6	25.6	32.5	32.5	32.5	35.4	35.4	35.4	35.4	35.4	75.4	30.4	35.4
		_															
GE	5.001	1 . 3	27.2	21.2	27.2	27.2	35.7	35.7	35.7	38.7	38.7	39.7	39.7	38.7	78.7	34.7	₹8.7
€ E	5,001	1.3	13.0	33.8	30.8	30.8	40.7	41.0	41.0	43.9	43.9	43.9	43.9	43.9	43.9	41.0	43.4
6 E	1001	1.3	12.8	32.8	32 • 8	32 • 8	43.3	43.6	43.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE	15001	1.3	75.4	35.4	35.4	35.4	47.2	47.5	47.5	50.8	50.8	50.8	50.8	50.8	50 • B	5 D • B	50.A
G E	12001	1.3	43.9	43.9	43.9	43.9	64.3	64.6	64.6	69.2	69.2	69.7	69.2	69.2	69.2	69.2	44.5
GE	1001	1.3	47.5	47.5	47.5	47.5	70.2	70.8	70.8	75.7	74 1	76.4	76.4	27 11	76.4	77 0	77
GE	9601	1.3	47.9	47.9	47.9	47.9	71.5				76 • 1 77 • 7	79.0	78.0	76.4	78.0	76.4	76.4
6 E	8001	1.3	48.5	48.5	48.5	48.5	75.1	72 • 1 76 • 1	72 · 1 76 · 1	77.4 82.0	A2.3	61.0	83.0	79.j 93.j	P3.0	78.0 83.0	78.0 83.0
G.€	7001	1.3	48.9	48.9	48.9	48.9	77.4	78.4	78.7	85.9		87.2	87.5		· 7 · 5	87.5	87.5
GE	5031	1.3	49.2	49.2	49.2	49.2	88.7	81.6	82.0	89.5	86.6 90.2	91.5	92.1	87.5 92.1	72.1	92.1	92.1
0.0	7031	1.	4,47	47.62	47.02	77.2	SC	91.0	6 Z • U	07.1	70.2	71.7		72 • 1	72.1	* 2 • 1	72.1
6€	5001	1.3	49.5	49.5	49.5	49.5	81.3	82.3	82.6	91.1	92.1	93.4	94.4	94.4	24.8	94.8	24.6
GE	4001	1.3	49.8	49.8	49.8	49.8	B2.6	83.6	83.9	92.4	94.1	95.4	96.4	96.4	96.7	96.7	96.7
GE	3001	1.3	50.2	50.2	50.2	50.2	83. D	83.9	84.3	93.A	95.1	96.4	98.0	98.0	98.7	99.7	78.7
GE	2001	1.5	50.2	50.2	50.2	50.2	83.3	84.3	A4.6	94.1	95.4	96.7	98.4	98.4	97.0	99.0	99.0
GE	1001	1.3	50.2	50.2	50.2	50.2	83.3	84.3	84.6	94.1	95.4	96.7	98.4	98.4	99.7	99.7	100.0
				~		L		, .,	,				~ • ·	. • •	. • .		
GE	21	1.3	50.2	50.2	50 • 2	50.2	A 3. 3	84.3	84.6	94.1	95.4	96.7	98.4	98.4	99.7	99.7	100.0
	• • • • • •	• • • • •	• • • • • •	• • • • • •		• • • • • •			• • • • • • •								

### PERCENTAGE FREQUENCY OF OCCURRENCE OF CELLING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS.

PER 100 OF RECORD: 77-84 MONTH: EFE HOURS(UST): 1800-2000 STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

CEILING			• • • • •	• • • • • •	•••••		•••••	v 15 1	811 IT Y	IN STATE	TE MILE	· · · · · · · · · · · · · · · · · · ·					
IN	ī	GE	GΕ	GE	GE	GE	GE	GE	GE	GE	GF	C.E.	us f	SE	7.1	r t	(
FEET	i	10	6	5	4		2 1/2		1 1/2		1	7/4	5.78	1/2	(715	1/4	
		-									-	-		-			
	• • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •				• • • • • • • • •		• • • • • • •	• • • • • • • •			• • • • • • •	
NO CFIL	. I	. 7	13.8	13.8	13.8	13.8	16.4	16.4	16.4	18.4	10.1	10.1	1 + . 1	17.1	17.1	19.1	1 1
GE 3000	וסכ	. 7	15.8	15.8	15.8	15 · A	18.4	18.4	18.4	20.4	21.1	21.1	71.1	21.1	21.1	21.1	21.1
GE 1800	100	. 7	15.8	15.8	15.8	15.8	18.4	18.4	18.4	25.4	21.1	21.1	1 - 1	21.1	21.1	21.1	21.1
GE 1600		. 7	15.8	15.8	15 • 8	15.8	18.4	18.4	18.4	29.4	21.1	21.1	71.1	21.1	21.1	.1.1	21.1
GE 1400		. 7	15.8	15.8	15.8	15.8	18.4	18.4	18.4	20.4	21.1	21.1	.1.1	21.1	21.1	21.1	71.1
GE 1200		. 7	15.8	15.8	15 • 8	15.8	18.4	8.4	18.4	20.4	21.1	21.1	31.1	71.1	21.1	21.1	21.1
0 C 4 Z (; U	יטנ	• •	1000	13.0	13.0	13.5	10.4	10.	1914	20.4							
GE 1000	301	. 7	19.4	19.4	19.4	19.4	24.0	24.0	24.0	27.3	29.0	20.0	24.0	28.0	24.0	24.0	26.3
GE 900	iac	. 7	19.4	19.4	19.4	19.4	24.0	24 .C	24.0	27.3	28.0	28.0	29.0	28.0	20.0	28.0	26.0
GE 800		. 7	19.4	19.4	19.4	19.4	24.0	24 .C	24.0	21.3	29.0	20.7	28.0	29.0	20.3	39.0	. H . C
GE 700		, ;	19.4	19.4	19.4	19.4	24.0	24 .C	24.0	27.3	78.0	za n	78.0	28.0	28.0	28 • C	20.0
65 600		. 7	19.4	19.4	19.4	19.4	24.0	24.0	24.0	27.3	28.0	2 P • D	79.0	28.0	29.0	28.0	24.0
0.0	,01	• '	17.7	1 / 4 4	47.44	1,,,,	2 - 4 0	2 7 10	2	2	* ** • L	2 .0	. 7.0	29.0	2 , • •		. ,
6E 5mg	in t	• 7	19.4	19.4	19.4	19.4	24.D	24.0	24.0	27.3	28.0	29.0	28.0	28.0	28.0	29.0	28.0
GE 450		. 7	19.4	19.4	19.4	19.4	24.0	24.0	24.0	27.3	28 • C	20.0	28.0	29.0	28.0	28.0	28.0
GE 400		. 7	20.4	20.4	20.4	20.4	25.0	25.0	25.0	28.3	28.9	24.9	28.9	28.9	28.9	28.9	28.9
		. ;	20.7	20.7	20.7	20.7	25.3	25.3	25.3	28.6	29.3	20.3	39.3	29.3	29.3	29.3	29.3
							25.7	25.7	25.7	28.9	29.6	29.6	29.6	29.5	29.6	29.6	29.6
GE 3CC	4U [	. 7	20.7	20.7	20.7	29.7	6301	27.1	2341	20.4	24.6	27.1		2 4 . 6	74.6	2 3 . 6	, <b>4.</b> 0
GE 258	100	. 7	24.7	24.7	24 . 7	24.7	29.6	29.6	29.6	32.9	33.9	31.9	33.9	33.9	73.9	33.9	33.9
GE 200	1 oc	. 7	27.0	27.0	27.0	27.0	33+6	33.9	33.9	37.2	38.2	30.2	38.2	38.2	38.2	34.2	18.2
GE 180		. 7	28.3	28.3	28 . 3	28.3	35.2	35.5	35.5	36.9	79.8	30.8	19.8	39.8	19.8	39.8	39.8
GE 156		• 7	31.9	31.9	31.9	31.9	4G • B	41.1	41.1	45.1	46.1	46.1	46.1	45.1	46.1	45.1	46.1
6E 120		• 7	39.1	39.1	39 - 1	39.5	57.2	57.9	58.6	64.5	65.5	6	(5.5	65.5	65.8	65 • 8	65.B
0. 120	101	• ,	3 4 • 1	37.4	,,,,	J . • J	.,	, · • ·	33.0	J	03.3	•		0,,,	( ) ( )	63.6	
GE 100	100	. 7	40.5	40.5	40.5	41.1	62.5	63.2	63.A	71.1	72 • C	72.0	72.0	72.0	72.4	72.4	72.4
GE 9:	loc	. 7	41.8	41.8	41.8	42.4	65,8	66.4	67.1	74.3	75.3	75.5	75.3	75.7	76.0	76.0	76.0
	001	. 7	42.4	42.4	42.4	43.1	68.1	69.1	69.7	78.3	79.3	79.3	79.3	19.6	79.9	77.9	۹ . ۲
-	100	• 7	43.1	43.1	43.1	43.A	73.0	74.0	74.7	83.7	95.5	85.5	85.5	85.9	P6 . 2	86.2	86.5
	lčč	. 7	44.1	44.1	44.1	44.7	75.7	76.6	77.6	88.9	90.8	91.4	91.8	92.1	92.4	92.4	9 H
0.		• 1	4401	77.		4				•••						., • -	
GE 51	lea	. 7	44.4	44.4	44.4	45.1	71.0	70.0	78.9	90.5	92.8	97.4	94.1	94.4	04.7	94.7	95.1
6E 40	100	• 7	44.7	44.7	94.7	45.4	76. C	78.9	79.9	92.8	95.1	95.7	96.7	97.0	97.4	97.4	97.7
	100	. 7	44.7	44.7	44 . 7	45.4	76.3	79.3	80.3	93.A	96.4	97.0	98.4	98.7	99.0	99.0	99.3
	ooi	• 7	44.7	44.7	44 • 7	45.4	78.9	79.9	80.9	94.4	97.0	97.7	99.0	99.3	99.7	99.7	100.0
	001	: 7	44.7	44.7	44 . 7	45.4	78.9	79.9	80.9	94.4	97 . C	97.7	99.0	99.3	99.7	99.7	100.0
5. 10	1	• •		771	/	7317	1017	1	0017		. , • ,,					,	
GE	01	. 7	44.7	44.7	44.7	45.4	78.9	19.9	80.9	94.4	97.6	97.7	99.0	99.3	93.7	99.7	100.0

### PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VINIUS VILLENTITY FROM HOURLY OBSERVATIONS

		UMBER: 2										HUNTE		FOLRS	austr.		
	IL ING	• • • • • • •	• • • • •	•••••	• • • • • • •	• • • • • • •	•••••		81L11Y				• • • • • • •	• • • • • •			•••••
FE	IN I	10	0f 6	G E 5	G E 4		GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GF 1	5 f 7 / 4	Б£ 5/н	5E 172	6l 716	[4] 174	64 3
N O	CEIL I		12.8	12.8	12.8	12.8	15.7	15.7	15.7	17.4	17.4	1 4	19.0	18.9	18.0	1 - 46	1 · .
G F	100003		14.1	14.1	14.1	14.1	17.0	17.0	17.0	18.7	18.7	10.7	19.3	12.3	1 + . 3	19.5	1 ***
GĒ	180001		14.1	14.1	14.1	14.1	17.0	17.0	17.0	18.7	18.7	19.7	19.3	17.3	19.3	14.7	19.5
	160001		14.1	14.1	14.1	14.1	17.0	17.0	17.0	18.7	18.7	10.7	19.3	12.7	19.3	1	1 2 . ,
GΕ	140001		14.1	14.1	14.1	14.1	17. G	17.0	17.0	18.7	18.7	15.7	19.3	19.7	1 3	1	1 3
G€	120001		14.1	14.1	14.1	14.1	17.0	17.0	17.0	10.7	18.7	10.7	19.3	19.3	19.3	13.3	1 4 . 7
6.5	166601		16.7	16.7	16.7	16.7	21.3	21.3	21.3	23.9	23.9	27.9	24 • 6	74.6	24.6	24.1	24.6
GE			16.7	16.7	16 • 7	16.7	21.3	21.3	21.3	23.9	23.9	21.0	24.6	24.6	24.4	. 4	
GĒ	80001		16.7	16.7	16.7	16.7	21.3	21.3	21.3	23.9	23.9	21.9	24.6	24.5	. 4.6		
GE	Icant		16.7	16.7	16.7	16.7	21.3	21.3	21.3	23.9	23.9	27.9	. 4 . 6	24.6	34 . h	74.	
θĘ	€2001		16.7	16.7	16.7	16.7	21.3	21.3	21.3	23.9	23.9	27.4	24.6	24.6	24.4	. 4 . *	
G E	50001		16.7	16.7	16.7	16.7	21.3	21.3	21.3	23.9	23.9	21.4	24.6	24.5	34.6	. 4 . 1	34.0
G E	45001		17.0	17.0	17.0	17.0	71.6	21.6	21.6	24.3	24.3	24.1	94.9	24.9			
6 E	40001		17.C	17.0	17.0	17.0	22.0	22.0	22.0	24.5	24.6	24.9	25	25.6	25.6		
G.E	35601		17.C	17.0	17.6	17.0	22.3	22.3	22.3	4 . 9	4.0	26.	- 4 0	25.9	25.3	2.5	
GE	30 LC [		17.7	17.7	17.7	17.7	23.0	23.0	23.0	25.6	25.6	25.4	76 - 6	26.6	26.6	. 6 . 1	11.0
G F	25001		21.3	21.3	21.3	.1.3	27.5	27.5	27.5	30.2	*n.2	37.4	11.1	51.1	11.1	11.1	11.1
6 E	20001		23.3	23.3	23.3	23.3	30.2	30.2	30.5	35,4	73.8	34 . 1	34.6	₹4.4	74.9	34 R	14.4
GE	18001		24.6	24.6	24.6	24.6	:3.1	33.1	33.4	30.7	36 . 7	37.0	7.7	37.7	11.7	37.7	1.1
6.5	1.031		27.9	27.9	21.9	27.5	40.7	41.0	41.3	44.4	44.9	4.	45.9	45.9	45.9	44.4	45.0
GE	12001		32.5	32.5	32.5	32.5	54.4	54.4	55.4	60.	10.3	60.7	€1.3	61.3	61.5	61.4	(1.6
G F	10001		37.7	37.7	37.7	37.7	62.3	62.6	63.3	64.	68.9	60.3	4.9.8	69.A	77.1	10.2	10.7
GŁ	9001		38 • C	3A.0	38 . U	38.0	63.9	64.3	64.9	7 L . 4	71.1	71.5	72.1	12.1	12.5	12.5	72.5
G F	1004		40.3	40.3	40.3	40.3	19.2	69.5	70.5	17.0	77.4	77.7	78.4	78.4	78.7	79.7	7 = 7
G F	7001		41.C	41.0	41.3	41.0	76.1	76.4	77.7	85.2	45.6	85.9	P6.4	86.7	97.	67.2	A 7 . 2
() E	6 C O I		41.6	41.0	41.0	41.0	77.7	78.0	79.3	67.9	99.9	89.2	90.2	90.2	53.5	90.5	40.5
GE	5001		41.3	41.3	41.3	41.3	79.0	79.3	80.7	84.5	90.8	91.1	92.1	92.1	92.5	92.5	52,5
G F	4001		41.6	41.6	41.6	41.6	82.C	82.3	83.9	93.1	95.1	91.4	96.4	76.4	96.7	96.7	96.7
6.5	1001		41.6	41.6	41.0	41.6	A 2 . 3	82.6	84.3	93.4	95.4	90.7	97.7	97.7	98.0	98.0	9 H • O
G F	2001		41.6	41.6	41.6	41.6	P 5 . D	83.5	44.9	94.1	26.1	94.4	98.4	99.4	98.7	24.7	98.7
G E	1001		41.6	41.6	41.6	41.6	P 3. 3	83.6	45.2	94.4	96.4	96.7	99.7	98.7	100.0	100.0	100.0
G E	91		41.6	41.6	41.6	41.5	A 3. 3	81.6	85.2	94.4	96.4	91.1	99.1	98.7	170.0	100.0	100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC PERCENTAGE FREQUENCY OF OCCUPRENCE OF CFILING VEH. L. VI IFILITY FROM HOURLY  $0_{\rm H} S_{\rm g}$  RVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR VISIBILITY IN STATUTE MILE' GE GE GE GE CEILING GE GE 0E IN I FEET I GE GE GE GE 7 1 1/4 1/15 1/2 NO CEIL I 16.7 19.1 14.2 12.2 14.5 18.0 1-. . 2 13.1 13.1 13.1 13.1 11.7 16.7 6F 200001 14.2 14.2 14.2 17.9 17.9 17.9 19.3 19.4 14.6 19.7 1 4 . 4 1 - . -14.4 14.2 16.4 17.5 14.2 14.2 14.2 17.9 17.9 17.9 19. 19.4 1 - . . 19.7 14.6 19.5 . 2 1 - - 4 GE 160001 14.2 14.2 1 ... 66 160001 66 140001 14.2 14.2 14.2 17.9 17.9 17.9 19.3 19.4 19.6 15.5 14,2 19.4 . 2 14.2 14.2 17.9 17.9 17.9 19.5 12.5 125 00 1 14.2 21.1 21.1 21.8 21.8 100001 19.2 19.2 19.2 19.2 24.9 25.0 25.1 27.4 / G . f 25.0 25.0 25.0 25.0 90001 19.2 19.2 19.2 19.2 24.9 24.9 25.1 25.1 27.4 27.6 27.6 33.0 34.0 . 3 19.2 :1.7 19.2 27.9 72001 19. 21.6 19.2 19.3 GF 60001 25.1 24.5 27.4 `1.? 19.3 21.9 23.1 24.6 19.3 25 - 1 25.2 50001 19.3 25.€ 24.0 08.1 2H • 3 2n • 9 1 19.5 19.9 23.1 19.5 25.2 25.7 25.3 25.9 25.4 25.9 27.7 27.9 28.4 (a . 5 3 B . 7 . . . f. F 40001 • 3 19.5 19.5 6 E 19.9 2J.1 17.7 20.1 21.1 35001 20.1 28. . P . 7 26.0 6 F 30001 . 1.1 21.1 21.1 27.4 .... 10.1 12.5 ۲, ۲ 74.1 74.1 34.6 74.5 24.0 24.0 31.3 31.3 33.3 34.5 14.1 25.001 . 4. 24.0 31.4 14.3 andol ₹5**,** ŧ 10.1 14.5 74.5 34.6 26.5 29.1 31.7 15.0 35.2 37.9 78.2 19. 70.0 26.5 26.5 26.5 1930| 1930| 28 - 1 31 - 7 2 A + 1 11 - 7 77.4 41.4 37.6 47.8 40.8 41.2 41.1 41.1 47.7 41.1 G.F 17.A 40.4 40.7 11.7 43.9 46.7 47.5 G F ¢ 7.8 41.9 41.9 4.7.0 65.1 65.5 65.9 10.7 71.4 71.5 11.1 11.9 77.1 10001 41.5 75.7 #0.1 #5.8 r, r 9001 42.7 41.8 43.7 42.7 42.8 42.9 4.7.4 67.9 71.4 68.3 71.9 73.9 74.4 19.5 74.7 79.5 14.9 19.6 75.1 79.4 9001 16.7 74.4 79.0 84.4 08.5 45.6 . 4 44.4 44.4 44.4 44.5 74.9 ... 95.1 H5.3 45.6 1034 79. 40.3 40.4 44.8 11.3 93.2 ĿĘ 44. P 44.8 87.4 нэ.1 49.9 5001 45.1 45.3 46.5 18. 9 19.5 9.),4 89.6 91.0 12.4 91.1 93... 45.3 92.1 H1.1 B1.8 B2.1 44.5 45.4 95.7 45.6 45 J 45 J 95.6 97.4 96.1 97.9 96.6 96.7 4.90 l . 4 45.6 46.5 82.1 92.2 23.8 96.5 45.6 G F 3001 . 4 45.6 41.1 A . . 6 A 2 . 9 91.5 44.1 98.8 2001 99.4 45.6 45.6 29.3 1001 45.6 45.6 45.5 H 1. 4 82.1 83.0 91.9 27.9 98.5 99.7 99.8 100.0 01 44. . . 99.8 170.0 ſ, E . 4 45.6 45.6 45 . 1. 45.1 8.7.1 et.c 93.A 94.4 27.9 99.5 29.1

PERCENTAGE FREQUENCY OF OCCURPENCE OF CHILING VEHICLS VISIBILITY FROM HOURLY OBSERVATION?

STATION NUMBER: 260632 STATION NAME: LENINGRAD USSR PERSON OF PERSONS 77-87 MONTH: ALL HOURSILSTI: CEILING VISIBILITY IN STATUTE WILES GE CE T 2 1/2 IN I GE FEET | 10 (, E 4 6.6 5E 172 5/4 715 174 40 CETE 1 1.7 32.7 52.4 GE 200001 \* C . C 30 • C 30.0 15.7 34.3 34.0 34 . B 35.6 35.0 35.2 55.3 31.7 11.4 2 • C 2 • C 2 • C 34.0 34.0 34.0 16.4 GE 180001 10.0 30.0 30 • 0 30 • U 30.0 30.0 34.0 34.0 34.0 34.0 34.0 34.A 34.P 35.0 35.0 15.2 35.2 15.3 غ د. ز 6F 160001 ٥.0 35 . 2 35 . 2 35.3 35.4 15.5 15.1 30.0 30.0 30.0 30 - U 14.0 34.9 75 . C 14, 1 30.J 30.0 ₹4.0 34.0 34.1 34.9 35 . 0 GE 100001 47.0 47.7 47.3 47.1 39.3 47.5 39.2 45.6 45.6 45.7 47.3 47.3 47.6 47.7 47.1 41. n 47.7 47.3 47.7 47.5 47.5 47.5 90001 2.5 45.6 47.7 47.7 47.7 GF 19.1 39.1 39.2 45.6 45.7 47.6 47.6 47.6 47.7 47.7 47.5 6 E 39.1 47.3 29.1 39.2 39.2 45.6 45.7 47. n 7000 i 2.5 39.1 45.6 45.7 45.6 47.7 GF 60001 19.2 39.2 39.3 37.3 45.7 GE 40.0 50001 48.3 39.9 49.1 2.6 40 • 6 40.0 46.5 46.6 46.7 40.4 GF 45001 2.6 2.7 2.7 40.3 42.4 42.9 40.3 47.0 44.5 48.7 40.4 40.4 47.0 47.1 49.4 48.9 49.0 51.3 49.1 49.1 51.5 49.2 51.5 45001 GE 42.4 42.5 42.5 49.3 49.4 50.8 51.0 51.1 ¢1.3 43.0 43.1 49.9 50.1 51.5 50.0 51.7 51.0 52.0 52.0 52.1 57.2 10001 GE 25001 2.0 54.4 54.4 54.5 54.5 62.6 62.6 62.8 64.3 64.5 64.6 64.9 65.0 15.1 64.9 20001 57.1 3.0 57.2 58.4 66.1 67.8 66.3 61.9 67.7 68.2 69.9 69.2 68.4 7g.2 69.5 68.6 6°.6 57.3 . 57 . 3 66.0 68.7 GE 18001 58.3 67.7 70.4 60.5 71.3 81.0 71.5 81.9 GE 15 col 60.6 60.7 6 N . A 71.0 71.1 80.8 73.0 73.7 GE 80.6 94.2 10001 G F 3 - 1 69.0 68.4 я 3.9 84.0 87.1 87.5 88.2 69.5 F8.3 F9.6 91.5 67.7 88.2 89.4 98.0 68.0 ĞĒ 68.5 68.7 68 • 7 85.3 86.5 88.5 90.1 8 . 49 85.3 88.9 39.3 GF e co l 68.8 P6.3 96.8 90.7 97.9 91.1 91.2 91.3 94.0 91.4 7001 GE 3.1 69.3 69.4 69.6 69.7 88.2 94.1 1003 69.8 69.9 95.7 89.1 89.3 89.7 95.0 95.4 95.7 95.8 G E 5001 59.7 69.8 70.1 89.8 90.0 90.5 96.7 70 . J 95.0 95.H 96 - 7 96.8 97.0 97.0 97.1 90.6 90.9 3.1 3.1 69.9 10.0 10.0 G F 4001 70.2 70.3 90.8 91.3 96.1 97.0 97.4 99.1 99.2 9A.4 98.5 98.6 1001 70.2 91.1 91.5 96.5 91.5 90.0 98.7 99.2 99.2 99.4 () F 2001 69.9 70.2 91.6 96.6 91.2 97 6 94.1 98.9 99.0 99.4 99.4 99.7 GF 1001 3.1 69.9 70.0 70.2 10.3 99.1 99.6 99.6 100.0

TOTAL NUMBER OF ORSERVATIONS: 28233

69.9

70.1

70.5

70.3

91.0

91.2

91.6

16.7

97.6

98.1

98.9

99.1

99.6

99.7 100.0

01 3.1

TOTALS | 12.7 .8

## FROM HOURLY OF OCCURRENCE OF SKY COVER

STATION NUMBER:	250630	STATION N	AME: LE	NINGRAD USS	R				g or er th: JAN		79-67		
FOURS (LST)		n 1	2	PERCENTAGE 3	FREQUE	NCY OF 1	ENTHS OF	FOFAL S			1^	ME R.W	1617± (85
00-02	1 13	.7	• • • • • • •	3.0	1.7	. 3	3.0	• • • • • • • •	4.3	15 - 1	5 A . 2	7.4	295
03-05	i 15	.0 .7		3. 7	1.3	• 3	1.7		:.3	16.9	٤.,5	7.0	75.1
06-08	l 15	.1 .3		3. 4	1.0	1.0	1.7		4.4	1++5	63.1	1.4	244
09-11	1 10	.6 ,4		5+1	₹.3	. 7	2.6		4 - 7	19.3	5, 1, 1	7 . ·	2.74
12-14	1 7	. 3 1 . 3		4.6	3.6	1.0	2 • 3		4.6	15.5	59.7	A , 2	* . *
15-17	1 9	.2 1.3		4.3	3 • 3	. 7	3.0		4.6	22.0	51.a	8.0	t_r
18-20	I 12	.8 .7		1.2	2.0	1.0	2.6		6.0	16.8	°1.3	7.5	1 64
21-23	l 19	.0 .7		1.3	1 • 3	. 3	2.3		3 . 3	16.g	r 6 . 7	7.5	الال

4.1 2.2 .7 2.4

4.2 17.6 15.4 7.9 2384

STATION NUMBER: 2	260635	STATION	NAME: L	ENINGRAD USS	R			U01939 4140M			79-97		
HOURS (LST)		)		P FR CENTAGE	F RF QUE NC Y	nF 5	TENTHS OF	TOTAL SKY	COVE	9	10	MEAN	TOTAL OHS
00-02	1 23	.9	.4	4, 3	1.8	. 1	5.1	••••••	3.3	19.1	42.4	6.7	272
03-05	1 26	. 4	. 7	3. 3	1.1		1.4		3.6	15.2	48.2	6.7	276
36-08	i 21	. 7	. 4	2.6	2.2	. 4	2.6		6.3	14.7	49.3	7.1	272
C9-11	1 11	.1 2	.0	3 • 2	2.0	. 8	3.2		4 . A	14.7	58.3	۵.5	252
12-14	1 13	.6	. 7	5.4	. 7	. 7	3.2		7.9	17.9	50.0	7.7	280
15-17	1 15	.2 2	. 5	4.3	2.5	1.4	4.0		5.5	19.1	44.4	7.2	277
18-20	1 1 1	• 3 1	. 1	6 • 6	6.2	. 1	2.6	•	10.2	18.6	42.7	7.4	274
21-23	1 24	.4 1	.8	2 • 5	1.8	. 7	1.5		6.9	18.2	42.2	6.7	275
TOTALS	1 15	.5 1	. 2	4.0	2 • 3	. 7	3.6		6.2	17.1	41.2	7.2	2182

## PERCENTAGE FREQUENCY OF OCCUPRENCE OF SKY COVER FROM HOUSELY OBSERVATIONS

STATION NUMBER:	2 £ 06 3 C	STATI	ON NAME:	LENIN	GRAD USSI	?			MONTH	OF FE	_	7 9 - 9 7			
F3UF\$	4	n	1	P f	R CENTAGE	FREQUE!			TOTAL SKY		9	10	MEAN	TOTAL CHS	
00-02	1 39	.5	.3	• • • • • •	3,6	2.6	1.0	1.6		2.J	18.1	15.2	5.7	364	
0.1-05	1 33	3 . 2	.7		2.6	1.6	. 3	3.3		3.9	16.9	77.5	4.9	てして	
86-6a	1 !0	1.2	1.0		3.6	2.0	1.3	2.6		3.9	15.1	19.7	6 • 1	101	
L9-11	1 77	?•6	2.1		5 • 9	3 - 1		1 • 4		1.8	19.5	42.5	6.6	251	
12-14	1 20	.7	1.3		4.6	3.0	1.6	5 • 2		R . 5	19.3	75.7	6.7	13×	
15-17	1 16	.1	2.0		5.9	3.0	1.0	4.3		11.1	20.0	16.7	7.0	365	
18-20	1 1	1.2	2.1		5.6	2.6	1.0	2.6		16.7	21+1	76.6	6.9	₹ _ ₹	
21-23	1 32	2 • 3	1.3		ч. ь	3.0	1.0	2.3		5.0	19.1	31.7	5.7	۲ ن ۲	
TOTALS	1 25	5.9	1.4		4.6	2.6	. 9	2.9		6.1	18.6	37.0	6.3	2419	

STATION NUMBER:	5 6 C 6 3 C	STATIO	N NAME:	LE NI N	GRAD 1'SSF	1				IND OF RE	C080:	79-97		
HOURS (LST)		С	1	P E	RCENTAGE 3	FREQUE	NCY OF IE		TOTAL S	KY COVER	9	13	MEAN	TOTAL 085
00-02	1 36	.o	1.0	• • • • •	4.1	2.4	. 3	2.7		6.2	16.1	11.2	5.5	292
03-05	1 26	. 3	. 3		5.4	1.4	1.0	2.7		e.5	11.2	73.2	5.4	295
1 6-re	1 21	.5	1 - 7		9• D	4.2	. 3	4.2		6.6	20.8	,1.6	6.3	268
69-11	1 18	. 7	< •1		6.9	3 • 8	1.0	2 . R		10.0	22.8	71.5	f . 6	2.8 G
12-14	1 12	• 1	2.4		9.8	3.7		6.1		13.5	19.5	₹3.0	7.3	2 + 7
15-17	1 10	.4	.0		P. 7	5.4	1.3	4.7		12.1	26.5	27.9	7.0	298
19-20	1 15	• 5	2.1		11.1	5.2	1.0	3.1		14.2	23.5	26.3	6.7	289
21-23	1 24	. 9	7.4		9. 1	4.4		2.0		8.8	17.8	79.6	5.9	247
TOTALS	1 21	.1	7.0		6.6	3 . H	. 6	3 • 5		10.3	19.8	10.6	6.3	2345

## PERCENTAGE FREQUENCY OF ULCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

STATION NUMBER:	TATION NUMBER: 26363C STATION NAME				R			10[2]0 11 00 1	OF HE	CORD:	78-87			
Hours				FERCENTAGE							10	MEAN	TOTAL GRA	
(LST)		ር 1				• • • • • • • •				<i></i>			• • • • • • • • •	
CC-03	1 30	1.2 3.	C	P. O	2 • 7	1.7	4 • 7		٠.0	19.3	71.6	5 • S	301	
03-05	1 32	.8 3.	6	6.3	3 • 3	1,7	3 • C		5 • 6	19.9	23.4	6.02	157	
C6:D8	1 23	· B 3 ·	3	6.3	5.0	1.3	3.6		R., 2	21.5	24.2	6.5	702	
39-11	1 21	.5 1.	6	7.2	3.3	. 7	5.5		11.4	21.3	27.3	$\theta \star b$	7.07	
12-14	1 12	.5 3.	9	10.5	5.2	1.6	5.6		10.2	24.6	25.9	F + 6	1 4	
15-17	1 9	.6 6.	6	9, 6	4.0	1.3	6.6		12.9	24.4	25.1	ۥ1	rj f	
18-20	1 12	.5 4.	6	9.2	5.9	3.3	4.6		15	25.4	21.9	t . i,	1. 1	
21-23	1 16	.7 4.	9	10.1	4.9	2 • 3	4 . 2		11.8	24.2	78.9	0.1	tor	
TOTALS	1 20	3.0	9	8.4	4.3	1,7	4.7	• • • • • • • •	10.3	22.9	23.8	6.1		

STATION NUMBER:	260630	STATIO	N NAME:	LENINGRAD US	SR				11a 10 00 NUL :4Ti	:040	7 P - A 7		
HOURS (LST)		О.	1	PERCENTAG	E FREQUE	NCY OF T			KY COVER	9	10	не в л	TOTAL CES
09-02	1 1	9.6	ε.4	9,8	5•1	2.7	6.8	• • • • • • •	12.2	16.2	71.7	5.7	246
ü3−05	1 2	1.9	5.1	11.4	3.4	1.3	4.7		11.1	16.5	24.6	٠.1	247
06-08	1 1	9.7	3 • 1	10.5	4.1	2 • C	4.4		10.9	25.2	21.1	6 - 1	,` , u
09-11	1 10	5.3	4 - 1	8 • 8	7 • 1	1 • 7	3 • 4		10.5	20.7	27.2	6.3	294
12-14	1	7.5	4 + 1	9.8	2.7	2.7	10.2		15.9	24.4	22.7	t: • ₹	795
15-17	1	5 - 1	3.4	<b>6</b> € 5	5 • 8	2.7	7.5		14.6	27.5	25.1	7 • 2	236
18-20	1	7 • 1	4 - 1	11.6	4.8	1 • 4	5 • 1		17.7	24.8	24.1	7.0	200
21-23	1 10	0.0	5.5	7.9	5 • 8	3 • 1	6.2	•	18.2	22.1	20.6	6.6	241
TOTALS		5.2	4.5	9.8	4.9	2.;	6.0		13.9	22.3	23.3	5.4	2356

GLOBAL CLIMATOLOGY BRANCH USAFETAC

### PERCENTAGE FREQUENCY OF OCCURRENCE OF SMY COVER FROM HOURLY OBSERVATIONS

17.9

14.3

14.4

16.0

26.3

23.6

18.5

.1.2

26.3

22.2

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58.4

7.4

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AIR WEATHER SERVICE/MAC

15-17 |

18-20 1

21-23 1

TOTALS |

6.9

12.5

4.2

3.9

4.3

PERIOD OF RECORD: STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR 70-67 PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY (OVER UB C FOURS | 0 5, 3 4 7 P (LST) 6 • 10 MI 6 V 1 4.9 00-02 | 15.6 16.4 1.0 8.4 15.3 14.9 23.4 03-05 | 20.2 10.7 3.9 11.1 4.2 1.3 7.5 12.7 17.9 21.2 τ, <u>,</u> , 06-08 | 15 .8 4.6 8.9 2.6 1.0 6.9 11.7 î6.4 21.8 F- , 4 09-11 | 16.3 . 3 3.6 1 7 . 7 24.1 26.4 1.6 12-14 | 7.2 4.6 3.6 3.3 6.6 1 - . 1 27.7 76.3 7.5 104

1.3

2.3

1.5

7.8

7.1

6 A

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR PERIOD OF BECORD:

5.2

6.9

7.1

5.1

9.8

9.4

9.2

HOURS 1	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SMY (AVER												
ILST1	Ü	ı	2	3	4	۲,	6	7	4	•	i	HEZW	1 ' .
un-d2	'o.9	2.3	• • • • • • •	5.0	7.6	2.0	4.7	• • • • • •	10.6	14.1	2		
03+05	31.7	2.3		7.6	4.0	2 • 3	5.4		* • h	11.2	* 4	٠	
06-08	12 • 8	3.0		10.2	5.3	2 • 0	5.9		11.5	21			٠.,
59-11 1	7.5	1.6		10.1	4.2	1.3	5.5		1:.7	. 6 . 4	' t	1.4	, ,
12-14	4.0	2.7		9 · C	5.7	1 . 3	6.3		14.7	19.5	11.5	• 4	*. (
15-17	₹.0	3.9		6.9	5.9	• 3	A . S		16.4	23.9	34.2	7.6	1 :
18-20	6.7	3.0		9. D	6.0	2.7	5.7		14.7	22.7	29.7	7.,	*30
21-23	1.2	4.3		14.1	6.3	2.3	6.9	,	11.2	19.7	28.3	6.7	<b>t</b> j u
TOTALS	13.0	2.9		9.5	5.6	1.9	6.2		1 * • 3	19.7	^8 • 6	f . 7	. 4.14

## PERCENTAGE FRACTIONS OF CENTRAL OF PERCENTAGE FOR PERCENT

STATION NUMBER: 26063. STATION NAME: LENING HAD 1555H

F0UPS	1	1					indap set fore		1.7	w <sub>E</sub> an	TCT No.
00-02	72.1	· · · · · · · · · · · · · · · · · · ·	 1.4	5.7	1 - 3	1.:	1:+7	16.1	*1.1		
c 1+p5	1 23.3	1.7	5. 7	2.4	1.0	4.7	£ . £	1 4	77.4		241
36-18	18.1	.7	6.1	6.5	2.2		÷. •	16.0	5.00	1 7	277
c *+ 11	I 6 • 8	3+1	5+8	3 . 4	1.7	4 • 1	11.7	27.1	**. ***	:.:	. , :
12-14	1 5.6	1.7	4.5	3 - 1	1.7	2.4	14.1	7.7 • 1	14.1	* . 5	247
15-17	1 4.7	1.3	3. 4	3.0	2.3	e, • 0	10.00	11.7	*4.2	÷ • 1	200
19-20	4.8	1.0	6.2	3.1	1 - 4	4 - 1	1'.1	12.0	14.4	۵.۵	2-1
21-23	1.61	۰.0	8.8	3.4	1.0	6.7	1	71.9	12.7	7.1	291
TOTALS	1 11.9	1.9	6. C	3.6	1.6	4.5	11.7	26.1	**.u	7.3	2.847

5 14 1 10 N	NUMBER:	260630	STATION	NAME:	LE NI NG PAD	USSR

001934	(F	:Oagjia	7 7 - R f.
MONTE:	t,	C T	

		· · · · · · · · · · · · · · · · · · ·	• • • • • • • • • • • • • • • • • • • •					NTES DE					• • • • • • • •	
	OLPS   (LST)	¢	1	2	3	4	5	6	7	ę	3	10	MEAN	1016 <sub>1</sub> 065
	rr-02 l	17.5	1.3		8.3	2.0	1.0	2.0		5.3	19.8	42.4	7.0	•••• <del>•</del> ••
;	1-05	16.9	€ +0		2.6	2.9	1.0	1.6		5 • 2	21.2	47.2	7.4	337
:	6-F8 1	17.4			3. 7	. 7	. 7	1.3		7 . 4	.6.8	42.1	7.5	500
	-9-11 t	4.6	1.6		3 - 3	2.3	1.0	2.6		9.8	29.4	45.4	h . 4	306
;	12-14	4.0	0		4.3	2 • 3	1.0	2 • 3		4.9	70.8	43.4	6.3	302
;	15-17	3.6	2.3		4. 3	4.3	2.0	4.3		7 . 2	29.2	43.0	8.2	3 () e.
:	19-20	. 3	i • 7		5.7	2.7	1.0	3.7		٠.٦	26.3	43.7	ř.u	300
•	1-23-1	17.8	1.0		3.3	3.0	• 7	7.5		4.6	71.5	41.3	7.2	303
7.0	TALS L	10.9	1.€		4.4	2.5	1.1	2.5		7.9	25.6	43.6	7.8	2425

U (MARE CELMATALORY REANCH U SAFETAC AIR WEATHER SERVICE/MAC

### PERCENTAGE FREWHENCY OF OCCURRENCE OF SHY COVER FROM HOURLY OBSERVATIONS

STATION NUMBER: 250632 STATION NAME: LENINGRAD USSR TERITOR OF PERCEPTE MONTH: NOV PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER 1.174 HOURS | 2 3 c , tį u. (157) 1 2.4 %- 17.1 /1.5 -... rn-n2 + 8,2 ........ + 3 1.0 1.4 2.0 03-05 | ٠,٠, 1.0 22.3 . . Lanca L · .1 . 3 ē. 7 3.4 1 , 4 75.6 51.1 2.0 4.1 5.2 r , 2 24.3 69-11 [ 1.4 2.7 • 3 - 2.0 - . : . 7 1.4 . - 1 12-14 i 3.1 1.7 . 1.1 ٠,,, 1.7 1.7 1.7 4 . 1 - 4 1 - 4 15-17 [ 4.1 1.4 1.7 . 7 . 7 1.7  $F: \bullet^{\bullet}$ . . .  $\mathbb{Z}^{n+1}$ ٠., 18220 1 21.3 t + . 1 2.7 . 7 5.2 2.4 2.7 2.1 1.4 **\*** • 2:1 P.1 3 - 1 19.7 . 1-23 | 1.0 3.1 1 - 7 . 3 . 1 r -- • F. 7 5.7 1.140 FOTALS 1 1.5 100 1.3 2.1 25.5 . . .

TATION NOMMER: 263	610 STA	TICN NAME						MAN	ing of st VTH: pre		17-96		
FOLDS   (151)	e		•	DER CENTAGE			NTES CE		KY (OVER				Total
			2		• • • • • • •				· · · · · · · · · · · · · · · · · · ·	, , , , , , , , , , , , , , , , , , ,	10	MEAN	685 ••••••
mi+45-1	6	. 3		7.9	1.6	1 • 6	2 • 6		3 . 9	17.3	60.1	8.3	1.6
( , s = (, s' − ∤	11.4			₹, ₹	1.3	1 . 3	3.3		7.3	15.2	r. p., p	٠	1, 7
7.6=0A 1	12.4	.3		2.3	1. 4	• 3	2.3		٠.0	19.5	66.4	4 • 1	24#
19-11-1	1.1	1.8		3. 4	1.6	. 4	2.48		6 1.	22.4	43.5	F • 4	. + 4
17-19-1	1			4.3	1.0	٠ ۲			5 ¢	. 3 - 1	68.2	A . 3	₹_4
15-17-1	7 + 8	1.0		4.9	. 7	1.6	7.		1.2	20.6	14.2	4.2	1.6
: 3 - 1 - 1	1.5.5	• 7		3+6	3		2.0		6.2	16.4	16.4	٠.1	ئ د
2.4 = 2.4 · 1	۹.4	. 5		w. A.	1 • **	. 7			442	21.2	€ € •	H + 2	*64
TOTAL S. I		٠,٠		7. F	1.4		2.3		4.0	1 8	* 6 • 7	A . 2	2416

GLOBAL CLIMATOLOGY BRANCH

PERCENTAGE FREGIENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PEPICO OF FICORD: 77-87

MONTH: ALL

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER 161**A**t HOURS 1 ILSTI I C l 2 3 4 6 7 O 19 MERN 9 NAL ALL | 17.6 12.7 .8 4 . 1 . 7 2.4 4.2 FEB ì 18.5 1.2 4. C 2.3 . 7 3.0 6 + 2 17.1 47.2 1.. .132 MAR ł . 9 25.9 1.4 4.6 2.6 2.9 5.118.6 17.0 2419 APR 71.7 2.0 8 • C 3 • 8 . + 3.5 17.8 17.5 244 6.3 MAY 20.0 3.9 4 - 3 1.7 4 . 7 10.3 22.9 23.8 6.1 24.5 JUN 4.5 9.6 4.9 23.3 4 2856 JUL 12.5 4.3 5.1 1.5 9.2 6.8 16.3 21.2 23.5 1. . 6 7 + 5.1AUG 2.9 6.2 13.0 9.6 5.6 1.8 19.7 13.3 38.0 6.7 2424 SEP 1.9 3.6 1.6 11.9 6 • G 4.5 11.7 26.1 13.4 1.3 100 0 C T 2.5 43.6 10.9 4.4 2.5 25.6 1.6 1.1 7.3 7.6 2426 NOV 1 1.3 1.5 . + 5.7 2.4 2.1 ٠.) 22.2 59.2 8.6 2845 1.0 . 8 . А 17.8 1.4 2415 DEC 0.4 3.8 2.2 56.7 ۶.. 1.2 TOTALS 1 3.3 3 . 4 18.5 14.6 2.2 6.1 2.1 21.1 7.1 29516

GLOBAL CLIMATOLOGY BRANCH CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY ORSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

rentou of Arcord: 19-91 Monto: Jan

MONTH	HOURS I	• • • • • • • • • • • • • • • • • • •	PC	RCENTAGE	FRE OU ENC	Y OF REL	ATIVE HU	MIDITY G	REATER T	на ц	MEAN     IRFLATIVE	
i	([3//	103	201	36%	40 <b>t</b>	501	60%	701	₽ <sub>C</sub> \$	¥ 0 <b>%</b>	[#1#10177]	Cas i
NAL	00-02	100.C	130.0	160.0	100.0	99.3	98.7	96.6	80.5	25.4	85.1	2+7
	03-05	100.0	100.0	100.0	94.7	99.3	98.3	96.0	76.7	79.7	⊬4 <b>.</b> 7	*DC
1	06-08	100.0	100.0	100.0	10 U • C	99.7	98.7	96.3	78.9	3€ • 9	85.7	2.48
	09-11	100.0	100.0	100.0	10 C • C	100.0	97.9	95.6	75.6	26.4	64.6	271
	12-14	100.0	106.0	166.0	10 C • 0	99.7	91.3	93.7	73.4	26.4	34.1	301
	   15-17	100.0	100.0	100.0	10 C+ C	99.3	98.4	91.1	66.9	22.5	82.9	131
	18-20	1 1 100.0	100.0	100.0	10 0 - 0	79.3	98.3	93.4	70.5	27.5	44.1	101
	21-23	100.0	100.0	100.0	99.7	99.0	98.7	95.0	77.5	27.2	84.8	291
	I   TOTALS	1 100.0	100.0	100.0	99.9	99.5	98.2	94.7	75.C	28.4	84.5	2372

GLOBAL CLIMATOLOGY BRANCH USAFET<sub>a</sub>c air weather service/mac

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 79-87 MONTH: FEB

H T NO M	HOURS (LST)	1 1			F RE QUENC		ATIVE HE	MIDITY G	REATER T	HAN	MEAN     IRELATIVE!	TOTAL
i		101	203	30%	40 %	50%	60%	7 D %	8 D %	908	HUMIDITY!	
FEB	00-02	1 100.0	100.0	100.0	100.0	98.9	96.4	91.2	70.9	36.9	84.4	214
į	23-62	100.0	100.0	100.0	100.0	98.9	97.1	90.2	76.4	30.6	85.2	275
į	06-09	100.0	100.0	100.0	100.0	100.0	98.5	94.9	80.1	34.9	85.7	217
i	09-11	100.0	100.0	100.0	100.0	100.0	99.2	95.2	82.1	43.3	86.7	252
į	12-14	100.0	100.0	100.0	10 C • O	100.0	98.9	89.9	63.2	25.6	83.1	217
į	15-17	100.0	100.0	100.0	100.0	98.9	93.4	75.4	44.1	16.5	78.3	212
į	18-50	100.0	100.0	100.0	100.0	98.5	93.4	82.1	50.2	14.3	79.2	273
į	21-23	100.6	100.0	100.0	99.6	98.9	94.9	90.1	64.7	31.7	83.0	212
i	TOTALS	100.0	100.0	100.0	100.0	99.3	96.5	88.6	66.5	30.3	83.7	2167

GLOBAL CLIMATOLOGY BRANCH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCUPRENCE

FROM HOURLY ORSERVATIONS

AIR MEATHER SERVICE/MAC

STATI	ON NUMBER	R: 260630	STATION	NAME:	LENINGRAD	USSR				PERIOD OF MONTH: MAR	•	ያ ብ – ዓ 7
MONTH	HOURS	 	PE		FRE QUENC						1 MEAN 1	TOTAL
	1 (LST)   	102	283	30\$	40 %	50%	603	701	808	901	HUMIDITY	
MAR	   00-02	100.0	100.5	100.0	99.7	97.4	90.1	79.2	54.5	27.1	79.9	40 <i>!</i>
	03-65	100.0	100.0	100.0	99.7	97.7	95.8	83.3	71.6	33.3	43.3	3.0 €
	D6-D8	100.0	100.0	100.0	99.7	99.0	96.4	9 j. 8	74.3	39.6	94.6	103
	09-11	100.0	100.0	100.0	99.6	99.3	97.2	90.1	72.4	33.0	84.1	283
	12-14	100.0	100.0	100.0	99.3	96.7	83.9	66.3	38.0	16.5	15.1	303
	15-17	100.0	100 • 0	99.0	96.3	83.4	67.5	43.7	27.2	н. 9	68.3	30.
	18-20	100.0	100.0	99.7	95.4	84.8	65.2	49.3	29.8	13.2	69.4	307
	21-23	100.0	100.0	100.0	98.7	93.7	85.5	67.9	39.9	19.8	75.9	303
	I TOTALS I	100.0	100.0	99.8	98.5	94.0	85.2	71.2	51.0	21.5	77.7	2405

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATIO	ON NUMBER	: 260630								PERIOD OF MONTH: AP	R	78-97	
HONTH	+0URS		PEF	CENTAGE	FREQUENCY	OF RE	LATIVE H	UMIDITY	GREATER	THAN	MEAN	14101	
i	1	103	20%	30%	40 %	501	6.0%	70%	80%	901	HUMIDITY	1 085	i
APR	00-02	100.0	170.0	100.0	94.6	93.A	82.4	64.3	46.7	19.6	75.7	791	
'	03-05	100.0	100.7	100.0	99.7	97.3	92.1	17.4	55.1	27.1	90.2	241	
!	76-08	100.0	100.0	100.0	99.6	9,9	94.3	81.3	64 • C	36.4	92.6	243	
	]   09 <b>≁11</b>	100.0	100.0	100.0	98.3	94.1	82.4	6g • 2	38.8	16.4	74.6	285	
1	12-14	1 cc • c	100.0	98.0	90.2	72.1	50.9	34 • ೧	21.2	6.4	62.9	291	
	15-17	100.0	99.0	93.5	19.9	61.9	42.3	24.6	15.0	۲.,	57.5	293	
	18-20	139.8	99 . 3	94.1	8 4 . 4	64.9	44.9	26.9	16.3	5 - 2	59.3	288	
	21-23	100.C	100.0	99.0	91.2	81.8	67.3	48.5	27.6	P • 1	68.1	297	
	  TOT#LS	1 <sub>30.0</sub>	99 . A	98.1	92.7	83.1	69.6	52.0	35.6	15.2	70 - 1	233(	

CUMULATIVE PERCENTAGE FREQUENCY OF OCCUPRENCE FROM HOLRLY OBSERVATIONS

BELTIAL HAMILITA

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PEDIOD OF RECOPD: 78-47 MONTH: HAY

MONTH	⊬OURS (LST)	:		RCENTAGE							I MEAN	TOTAL 1
		10%	201	30\$	40 %	50%	63%	701	80%	4 () \$	[HUMIDI14]	•
MA Y	1 1 00-02	! ! 100.0	100.0	160.0	97.0	90.3	74.5	57.4	3C.5	9.7	71.5	296
	03-05	100.0	100.0	100.0	9 9. 3	96.7	86.0	70.4	46.R	10.0	11.2	301
	36-08	1,00.0	100.0	100.0	99.7	97.7	89.3	74.7	51.3	27.1	74.9	tot
	09-11	100.0	100.0	99.0	95.1	81.1	62.2	42.3	21.2	a . 1	55.4	*1) }
	12-14	100.0	99.7	93.4	7 0 . 1	55.6	38.4	25.4	12.3	4.	56.1	7)4
	15-17	100.0	98 . 3	86.7	66.1	44.2	29.5	10.6	11.0	٠,,	51.4	101
	18-23	100.0	99.0	91.7	6 7 • 5	46.0	31.5	17.7	11.3	4.6	52.0	to.
	21-23	100.0	99.7	98.4	87.6	70.6	50.7	2	15.0	5.46	61+2	*0 <i>e</i>
	TOTALS	100.0	99.6	96.2	86.5	72.8	57.7	42.	24.9	9.4	64.5	2417

# GLOBAL CLIMATOLOGY REANCH CUMULATIVE PERCENTAGE FREQUENCY OF OCCUPRENCE PELATIVE FUMICITY USAFETAC FROM HOURLY ORSERVATIONS AIR WEATHER SERVICE/MAC

S TATIO	ON NUMBER	P: 260630	STATION	NAME: (	CAR D# 1# 3.	1558				rtolon of Muhle: Jun		3-91
HONTH	HOURS	 			FRE QUENC		ATIVE HU	MIDITY G	DEVIEN			FOTAL
	1	101	201	362	40 \$	50%		70%		3-D <b>\$</b>	INTIGINGEL	
NIJL	   00-02	l   1 <sub>90•</sub> °	1~U•C	100.0	99. 1	96.9	88.4	13.6	42.0	15.1	77.5	71.
	03-05	100.0	1 00 • C	100.0	99.7	99.0	95.6	87.2	60.6	26.1	42.8	297
	06-08	100.0	100.0	100.0	10 2 • 0	99.3	96.1	87.4	57.8		#2.1	294
	09-11	100.0	100 . C	100.0	9 . 3	89.4	6 R . 3	47.1	18.1	4.1	64.4	211
	12-14	100.0	100.0	99.3	85.8	63.4	42.0	25.A	12.9	e, 🛕 n	49.5	741
į	15-17	100.0	100.0	96.3	80.6	58.8	39.1	24.5	11.6	2.7	67.4	244
	18-2C	1 100.0	99.7	97.3	84.2	64.0	39.4	27.1	14.4	4 . c	58.5	292
	21-23	100.0	100.0	99.3	94.5	80.4	59.5	39.2	17.9	4.2	65. 1	291
i	TOTALS	100.0	100.0	99.0	9 2 <b>.</b> A	81.4	66.1	51.5	29.5	10.8	68.9	2348

GLOBAL CFIMATCFOGA BRANCH USALCIAC

CUMULATIVE PERCENTAGE FREQUENCY OF DECURRENCE FROM HOLREY OBSERVATIONS

PELATIVE FUMILITY

STATION NUMBER: 260637 STATION NAME: LENINGRAD USSR

PEOIOD OF RECORD: 78-87 MONTH: JUL

M ON 'F	HOURS			RCENTAGE	FREQUENC	Y OF PEL	ATIVE PU	MIDITY 6			MEAN	TOTAL	••••
	ı	163	, C \$		4C <b>t</b>	50%		70%	8.0.1	÷0.	HUMIDITY		
JUL 1	30-02	   1 <sub>00</sub> .c	186.0	160.0	100.0	99.7	95.1	85.6	57.2	15.1	81.5	308	
	C3-C5	109.7	100.0	100.0	100.0	100.0	98.7	94.7	11.5	35.0	86.5	י ט י	
į	06-CR	1,00.0	100.0	100.0	10 C • C	99.7	99.3	96.7	79.4	18.7	A7.1	10:	
	79-11	   150.0	100.0	1.5.0	10.0*0	98.4	87.9	65.7	32.4	٠. د	7 °, • °,	الت	
	12-14	1 100.5	100.0	160.0	5 7. 7	83.2	57.2	32.9	15.0	2.7	64.5	* 134	
į	15-17	100.5	100.0	99.0	¢ 1. 5	70.9	47.7	25.5	10.	2.*	60.5	10€	
	18-20	100.0	100.0	100.0	97.8	15.2	48.7	21.8	11.1	2.1	61.5	106	
	21-23	100.0	100.0	160.0	96.1	92.2	71.9	49.7	21.6	4.5	69.4	±3€	
, , , , , , ,	TOTALS	100.7	100.0	99,9	97.A	89.9	76.1	6 (° + 1)	18.2	14.7	73.4	2431	

CUMULATIVE PERCENTAGE FREQUENCY OF OCCUPRENCE FROM HOURLY OBSERVATIONS

FELATIVE HUMIUTLY

reclob of AEcoab:

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

MUNTE: AUG MONTH HOURS | PERCENTAGE FREQUENCY OF RELATIVE MUMIDITY GREATES THAN ( MEAN | FOILL | RELATIVE NOW | 1 10 t 20 t 30 t 40 t 50 t 60 t 70 t 80 t 90 t | HUMIDITY | 085 | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 101.0 97.3 84.R AUG | 00-02 | 100.0 100.0 100.0 100.0 90.7 71.9 29.0 131 03-05 100 • C 100.0 130.0 100.0 99.7 98.7 95.4 78.9 43.9 87.2 101 26-08 100.0 100.0 103.0 100.0 100.0 99.7 98.0 84.8 51.6 99.3 703 09-11 100.0 100.0 100.0 100.0 96.7 84.0 54.4 20.5 81.4 **!**j: 12-14 100.0 100.0 9 F . O C. PA 71.7 46.2 22.1 6 - 7 69.3 295 100.0 57.7 5.4 100 15-17 100.0 100.0 100.0 97.0 83.3 32.1 14 . P 64.3 62.9 36 . P 16.4 5 . 4 225 18-20 100.0 100.0 100.0 99.0 83.9 66.3 100.0 100.0 12.5 77.5 1 21-23 | 100.0 98.4 91.1 43.1 334 100.0 70.7 TOTALS I 2421 100.0 100.0 100.0 99. 1 94.1 84.4 69.2 48.3 22.5 77.5

4

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM MOURLY OBSERVATIONS

FELATIVE HUMIDITY

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: MONTH: SER

	HOURS (LST)	1					ATIVE PÜ				MEAN    RELATIVE	TOTAL   NUM
1		103	201	3ú <b>t</b>	40 \$	501	608	7 <sub>0</sub> \$	8 C \$	ନଯ‡	YTTOIMUH	
P [	00-02	I .	160.0	100.0	10 C • G	100.0	98.7	94.3	79.2	46.7	37.4	241
!	03-05	1 100.3	100.0	100.0	10 C • O	100.0	100.0	97.6	87.8	54.7	89.6	295
į	C6-C8	100.0	100.C	100.0	10 D. D	100.0	99.5	98.6	91.3	59.7	90.5	217
i	09-11	100.0	0.001	100.0	10 C • O	100.0	99.0	96.3	76.9	35.0	A6.A	244
į	12-14	100.0	100.0	100.0	99.7	96.5	86.4	67.5	37.9	9.4	74.9	29€
į	15-17	100.0	100 . C	100.0	95.0	91.5	74.2	53.2	25.8	5.4	10.6	291
į	18-20	100.0	100.0	100.0	99.3	95.5	82.5	62.5	35.4	12.7	74.6	291
į	21-23	100.0	100.0	100.0	10 C • O	100.0	98.0	88.1	69.2	27.0	83.6	ဥမှင
i	TOTALS	100.0	100.0	100.0	99.A	97.9	92.3	82.3	62.3	31.7	82.3	2331

CUMULATIVE PERCENTAGE FREQUENCY OF OCCUPRENCE FROM HOURLY ORSERVATIONS

PELATIVE HUMIDITY

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: MONTH: OCT 77-86

	HOURS (LST)		7 7 7		FRE QUENCY						MEAN   	TOTAL
i		163	201	308	40 %	501	608	703	8 D \$	ខព៖	HUMIDITY	085
00 T	00-02	100.0	100.0	100.0	10 0 • 2	99.7	96.1	89.4	71.8	37.7	P4.7	701
i	03-05	100.0	100.0	100.0	100.0	99.7	97.7	91.4	75.9	40.9	95.1	103
i	06-68	100.0	100.0	100.0	100.0	99.7	98.3	92.9	79.5	43.4	96.8	297
i	69-11	100.0	100.0	100.0	100.0	99.7	99.7	93.4	AC.0	37.0	86.7	304
	12-14	100.0	100 • C	100.0	99.7	99.0	93.3	80.7	56.7	21.0	<b>#3.7</b>	300
j	15-17	100.0	100.0	99.3	9 9 • C	95.7	84.9	69.1	42.4	17.8	16.2	304
1	18-20	100.0	100.0	100.0	99.3	98.7	92.5	76.8	54.4	27.1	80.0	29F
į	21-23	100.0	100 · C	100.0	100.7	99.3	95.3	86.0	65.7	37.7	93.2	301
,	TOTALS	100.0	100.0	99.9	99.8	98.9	94.7	85.0	65.8	34.9	93.0	2406

CUMULATIVE PERCENTAGE FPEOUENCY OF OCCURRENCE FPOM HOURLY ORSERVATIONS

PECATIVE PUMICITY

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PENIND OF RECORD: 77-PG. MONTH: NOV

M ON TH	FOURS	•		RCENTAGE	FRECLEN	Y OF REL	ATIVE FU	widita e	REATER T		MEAN	total 4
	1	1 103	201	36\$	4 ( <b>%</b>	50%	671	75%	PC%	71		2164
NOV	1 1 00-02	1 100.0	100.0	100.0	10 C • C	100.0	98.6	42.5	75 <b>.</b> B	36.6	65.7	29.5
	!   03-05	100.5	100.0	100.0	99.7	99.7	98.6	93.8	79.7	** • 7	B (: - ^	; ·;
	06-08	100.0	100.0	160.0	100.0	100.0	99.3	96.6	8 C • 4	39.0	56.6	2 + 1
	09-11	100.0	100.0	y9.7	99.7	99.0	96.1	93.1	78.7	41.7	4 <b>6 .</b> J	291
	12-14	1 100.0	100.0	100.0	100.0	99.7	97.3	3 () • u	7 D + P	3 1.5	84.4	¥ '* €
	15-17	100.0	100.0	166.0	10 C • 0	99.0	98.0	88.1	65.6	26.2	81.0	.° + 6
	18-20	100.0	100.0	0.001	100.0	99.7	97.9	90.7	12.0	31.1	34.6	285
	21-21	100.0	130.0	100.C	10 € • 0	99.7	99.3	93.5	73.5	35.0	45.2	200
	TOTALS	100.0	100.0	100.0	99.9	99.6	98.4	92.4	74.5	34.7	85.2	2337

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCUPRENCE FROM HOURLY OBSERVATIONS

RECOLANS BALLVILA

STATE	ON NEPBEI	P: 260630	STATION	NAME: I	LENINGRAS	) USSR				PERIOD OF MONTH: DEC		7-96	
M ON TH	HOURS	:		RCENTAGE	FRE CUENC	Y OF REL	ATIVE HU	MIDITY 6			MEAN	TOTAL	•
	1 ((3))	1 10*		368	4C %	50%	631	701	<b>8</b> 0%	ಿ ೮%	HUMICITAL	NUM   Oat	
DE C	00-02	   100.5	105.0	100.0	99.7	99.7	94.3	94.7	70.0	र्∙ . र	45 <b>.</b> 7	7u ?	•
	03-05	100.0	100.0	100.0	90.1	99.3	99.1	96.1	F2.7	14.F	A6.4	*6.7	
	1 06-08	100.0	100.0	100.0	99.7	99.3	99.7	95.3	A2.4	10 . r	A6.4	29+	
	09-11	100.2	100.0	100.0	10 C* Q	99.6	6.90	96.1	P.O.4	3.1.5	45. 7	201	
	12-14	100.0	100.0	100.0	10 0 • C	100.0	98.7	94.1	78.0	33.0	46.5	704	
	15-17	100.0	100.0	100.0	10 C • C	100.C	98.7	94.4	12.5	31.47	74 · ·	*D*	
	1 18-20	100.7	100.0	100.0	10 C. C	100.0	99.0	95.3	1.09	31.6	95. • 6	2+7	
	21-23	100.0	100.0	100.0	10 (.0	99.3	98.7	96.1	8.04	34.0	45.8	<b>1</b> 07	
	1019f 2 	100.0	100.0	100.0	99,9	99.7	98.4	95.3	79.7	34,6	85.7	249€	

GLOBAL CLIMATOLOGY BRANCH CUMULATIVE PERCENTAGE EREQUENCY OF OCCUPRENCE RELATIVE FUMILITY OBSERVATIONS

AIR BEATHER SERVICE/MAC

							• • • • • . • •			MONTH: AL	t •••••••	
1+1	HOURS		PE		FRECLENC						IRELATIVE	TOTAL   NUME
. i		103	70%	36%	40%	50%	601	70%	aot		HUMIDITAL	
     	ALL I	100.0	120.0	100.0	99.9	99.5	98.2	94.7	75.0	29.4	P 4 • 5	2374
B	!	150.0	100.0	100.0	100.0	99.3	96.5	88.6	66.5	30.1	A 3 . 2	2167
a	1	1 00 • C	100.0	99.8	98.5	94.0	85.2	71.2	51.0	23.9	71.7	2431
۱ در	į	100.0	99 • g	98.1	92.7	8 3 • 1	69.6	52.	35.6	15.7	70.1	2331
γį	į	190 • €	30 • €	46.2	86.3	72.9	57.7	42.3	24.9	9.4	64.5	2917
in }	j	130.0	100.0	99.0	97.0	81.4	66.1	51.5	29.5	17.8	58.9	2341
ı į	i	1gg.u	100.0	99.4	97.8	99.9	76.1	60.9	38.2	19.7	73.4	2431
15 Ì	i	100.0	100.0	100.0	99.3	94.3	84.4	69.2	48.3	22.0	77.5	2421
> j	į	100 • • •	1 10 - 1	100.0	99.6	91.9	92.3	82 • 3	62.3	31.2	82.3	2331
. 1	i	117.3	1 35 + 2	9.0	94.8	98.9	94.7	85•∂	65.A	30.9	83.0	240+
ov į	i	1 30 + 1	100.0	130.0	00.4	39.6	98.4	92.4	74.5	34.7	85.2	237
s j	í	100.7	1 36 41	160.0	44.4	99.7	98.4	95.3	19.7	34.6	A5.7	2400
i	TOTALS	107.1	100.7	99.4	97.2	92.5	84.8	13.7	54.3	21.8	78.7	28374

tent of a lit		4444	4010	\$ D B G	111111111	and by Factor
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t t	e a a	ΔΔ	4 F	4.8	1 1	£
th h	C 7.5	Δ Δ.	4.3	Вa	1 7	3.3
probbotts	Δ. 6	A A	F 0 F 0:	२ - २ स म म	1 1	\$ \$ 1 × 4 \$
Crebbin	2 A A	ΛΑΛΑΛΑΛ	12 A 15 CC	១៩ដូច	1 1	1 . 1
	7 A A	44444	4 E	2.0	1 (	1. §
\$1.27	5.6	٥Δ	₽ C	Q Q	7 1	
. 1	7.7	a 6.	i. 12	R 3	1.1	
1.1	2.2	A 6	4.0	ρμ	1.1	

### TOMBOURAGE AND DECATED FINISHED TO COMMENTA

COMPLETIVE CLOSE VIZ. C. COLLEGIOUS DE COORDINACE DE LABOR MAXIMEM (MINIMEDE PRO MINIMEDE PROCESSE).

EXECUTABLE TARGETISMS EXISTING AN INCIDENT EXHAUSTING PROPERTY PLUS THE MEMORITHMS TATIONS AND IDEAS OF A VALUE OF A

THE MINIMUM TALES ALS PARTIES A STOREGIS SAFESFELL VALUE.

MIND THE HOCOLA DECLARATIONS FOR THE HITHER AND TOWERS AND THE STATE OF THE CONTINUE MEDITAL COLUMN STATE OF THE CAST THE CONTRACT OF THE CONT

STATISTICS to NOT INCLUSE INCOMPLETE MORTHS.

ngur yn mga, Campari Matha Afr Migilhit fan Camputis.

EXTREME MAXIMUM AND MINIMUM VALUES

DATA BENTY OF HOM EXTRACTION THE RIGH AND LOW TEMPERATURES FROM THE FULLEY CONTRACTORS.

PROPERTY AND THE HIT HET ELEMENTS TEMPERATURE FOR THE MONTH FOR EACH VERN.

ALTO PRESENTED AND STREETSTILAL VALUES WITH THE SAME CIMITATIONS MENTIONED 15 V).

AT ACTUALST INCICATE . AT INCOMPLETE MONTH.

WORK, AND TRYING DENIATED FOR THY BOLD UNIT BOLD AND DEW DODGET TEMPERATURES

STATE OF RESPECT OF A PROPER YOUR RESERVANT LONG +

CONTROL OF THE CONTROL CONTROL CONTROL OF TAME SUBSECTION MONTH, MONTHLY AND ANTUMERY COLL YEARS COMMINGED.

accounts that means, of the Art deviation and observation counts.

COMMITTING THE CHARGE SPECIAL NOT SECURE INCH. IN SELECTION FOR BUILTY

CANALOGRAPH CONTRACTOR SERVENTING.

somethings of the control the sense of the order of restriction and the transfer that the selections

FEDERAL WALL WE CONTRICTED BY TO CERETE INCREMENTS OF RELATIVE FUMICITY.

ALCOUNTED A SECRETAR ASSESSMENT OF A VALUE OF ANY COST PARTICLE COUNTY.

### URY-RULE TEMPERATURES DIG F FROM HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 240630 STATION NAME: LENINGRAD USSR

PERIOR OF RECURD: 77-87

OURS STATS I	JAN	FEB	MAR	APR	МДЧ	JUN	JUL	AttG	SEC	C(1	Nüv	íıC	B. FeN
1101 OPS	16.2	15.3	26.U	36 ,5	48.3	55.4	59.4	57.6	49.0	41.5	33.2	11.6	18.5
	14.203	11.092	10.495	7 •6 46	8.483	6.148	4.875	6.242	6.103	7.46.1	7.463	12.321	17.695
	299	274	303	2 92	301	294	337	301	2 <sup>98</sup>	70.3	273	306	2571
I MEAN I	16.7	15.4	25.3	35 •5	46.7	53.7	58 - p	56 • E	40.5	41.7	73.8	12.445	36.0
	14.332	11.637	11.099	7 •0 99	8.524	6.066	4 - 9 2 D	6 • 22 9	6.271	7.502	7.675	12.445	17.753
	301	275	307	2 44	302	297	3 0 5	303	266	304	292	307	7563
MEAN	15.4	13.5	23.2	33.5	45.5	53.3	57.0	55.0	46.6	4[.3	32.7	21.3	76.6
	14.429	11.929	11.621	6.9£8	8.340	5.853	4.595	6.146	6.471	7.554	7.740	12.156	17.4^4
	298	272	305	2.87	300	294	302	303	277	297	242	297	3524
9-11 SO   1 101 OPS	15.5 14.744 27 <sub>2</sub>	14.2 11.851 252	24.6 11.297 286	36 .8 7 .0 37 2 89	51.2 8.926 307	59.0 6.811 293	62.2 5.134 3 <sub>0</sub> 6	59.0 6.150 307	49.0 5.831 294	40.7 7.318 300	42.9 8.006 391	21.6 12.512 283	39.6 18.855 7485
I MEAN	16.6 3.857 304	16.0 10.786 277	28.6 9.258 305	41 .4 8 .6 21 2 97	56.0 10.547 305	63.0 8.092 295	66.0 6.226 304	63.3 7.050 300	5.891 286	43,4 6,879 300	33.9 7.405 295	22+0 11-729 304	42.0 19.921 3572
1101 Ons 1	17.6	18.7	31.7	43.9	57.8	64.1	67.6	65.1	54.9	44.8	34.3	72.4	43.7
	3.311	9.546	8.446	9.513	11.090	8.271	6.667	7.592	6.517	7.198	7.382	11.539	19.913
	301	276	303	298	303	294	307	305	295	305	295	306	3593
MEAN	17.6	17.8	31.4	43.4	57.2	63.3	67.3	64.3	54.3	43.2	33.7	21.8	43.0
-20  50   1	3.716	9.769	8.440	9.263	10.638	8.145	6.604	7.270	6.542	7.673	1.3 <sub>0</sub> 7	12.086	19.947
101 ORS	304	274	303	2.28	302	293	3 <sub>0</sub> 6	299	292	300	290	304	3555
MEAN	16.6	16.5	78 • 2	39 •4	53.2	60.5	64.2	60.6	50.4	42.2	33.1	21.4	40.7
1-23  SD   1	3.912	10.5c1	9 • 3 5 1	я •2 76	9.504	7.064	5.558	6.659	6.128	7.69H	7.692	12.257	18.933
DOT ORS!	300	272	3 0 3	2 9я	306	292	306	305	296	302	295	307	3582
1 MEAN 1	16-5	16.0	27.3	38 .8	52.0	59.0	62.7	60.2	50.7	42.2	33.4	21.8	40.3
	4-054	11.012	10.492	8 .8 62	10.562	8.220	6.867	7.525	6.795	7.377	7.595	12.120	18.921
	2383	2172	2415	23 43	2426	2352	2443	2423	2335	2417	2343	2414	28466

MET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 26063C STATION NAME: LENINGRAD USSR

PERIOD OF RECOPD: 77-87

OURSE STATS !	MAL	FER	MAR	APR	MAY	JUN	JUL	AtiG	s.f.P	ect	NOV	111	ANN
1101 0851	15+7 13+822 297	14.6 10.841 274	24 • 4 9 • 8 7 6 3 0 3	33 -8 6 -6 74 2 71	44.1 7.903 298	51.6 5.876 292	56.1 4.528 306	55.0 5.608 301	97.1 5.666 298	39.7 7.363 301	31.9 7.256 293	303 11.089	76.4 16.651 1557
1101 0851	16.2	14.9	24.1	33 . 3	43.4	51.0	55 - 8	54.7	47.0	40.3	32.5	21.7	76.7
	13.827	11.403	10.566	6 . 5 00	8.020	5.911	4 - 6 9 7	5.701	5.956	7.419	7.455	12.079	16.512
	300	275	306	2 22	301	297	3 ŋ 3	303	295	307	290	307	3572
MEAN     OZ   80-	14.9 14.071 298	13.1 11.697 272	22.2 11.177 303	31 -8 6 -4 <sup>3</sup> 6 2 8 3	42.6 7.896 3 <sub>00</sub>	50.5 5.921 294	54.8 4.473 301	53.7 5.763 303	45.3 6.112 277	38.7 7.505 297	31.5 7.482 291	20.6 11.903 2 <sup>9</sup> 6	35.1 16.739 3515
I MEAN	14.9	13.9	23.1	33 .9	45.8	53+2	57.6	55 • 8	47.1	79.1	31.7	20.7	37.1
	14.341	11.679	10.820	6 .2 93	7.925	6+091	4.337	5 • 5 9 7	5.581	7.317	7.793	12.16=	17.31°
	271	252	283	2 89	307	293	306	3 0 7	204	305	291	2+0	347-
P-14 SD   TOT OBS	15.9 13.471 3ņ1	15.4 10.530 277	26.5 8.737 303	36 •4 6 •9 66 2 97	47.9 8.312 302	54.7 6.446 275	58.7 4.604 3 <sub>0</sub> 4	57.3 5.835 299	49.1 5.303 206	40.9 6.873 300	32.4 7.184 295	21.2 11.391 304	38.1 17.288 1563
MEAN 1	16.8 12.896 305	17•7 9•279 272	28.5 7.696 302	37 •7 7 •3 50 2 93	48.4 8.270 301	55.3 6.245 274	59 • 1 4 • 5 8 3 3 0 6	57.8 5.694 305	5.679 295	41.6 6.975 304	32.6 7.127 294	71.6 11.202 306	39+1 16+697 3577
MEAN [	16.3	16.8	28.4	37 •5	48.3	54.8	59.1	57.5	49.7	40.6	32.2	21.1	38.7
	13.336	9.447	7.656	7 •0 64	8.178	6.225	4.584	5.499	5.697	6.992	7.117	11.74 <sub>1</sub>	17.049
	302	273	302	2 88	302	292	306	299	291	293	289	297	3539
MEAN	15.9	15.8	26.2	35 • 3	46.7	54.0	58 • 2	56.5	48.C	40.1	31.7	20.7	37.6
-23  SN	13.521	10.223	8.763	6 • 9 16	8.111	6.009	4 • 3 9 5	5.583	5.718	7.101	7.467	11.918	17.019
101 085	298	272	303	2 97	306	291	3 0 6	304	295	300	294	307	3573
MEAN	15.8	15.3	25.4	35 •0	45.9	53.1	57.4	56.0	47.9	40.1	32.1	21.1	37.3
LL   Sp	13.659	10.737	9.732	7 •0 59	8.347	6.330	4.780	5.843	5.900	7.241	7.362	11.786	16.977
URS  TOT OBS	2372	2167	2405	23 30	2417	2348	2438	2421	2331	7408	2337	2400	26374

Ofw-POINT TEMPERATURES DEG F FROM HOUPLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

GLORAL CLIMATOLOGY BRANCH LSAFETAC AIR WEATHER SERVICE/MAC

STATION NUMBER: 260630 STATION NAME: LENINGRAD USSR

PERSON OF FECORD: 77-87

.51		<b>.</b> ,	FfB	MAR	APE	МАЧ	JUN	JUL	<b>4</b> UG	5 I D	137	40 V	1 f C	B 1911
ا ( 2 ۾- ت ا	101 OBS 1	12.6 14.495 297	11.4 11.583 274	20.3 10.724 303	29 •1 7 •9 17 2 91	39.0 9,532 298	48.2 7.155 292	53.6 5.143 306	53.6 5.818 301	45.3 5.967 20a	37.2 8.527 301	29.3 8.276 293	18.0 12.723 303	53.2 17.142 3557
1   35   	MEAN   SD   TOT OBS		11.7 12.125 275	20.7 11.196 306	29 .6 7 .6 65 2 92	39.5 9.143 301	48.4 6.820 297	54 + 0 5 + 1 5 5 3 0 3	53.0 5.956 303	45.6 6.17g 295	77.3 8.37] 303	30.0 8.446 290	16.9 12.737 307	13.0 17.31' 3572
1   80-	MEAN   SD   TOT OBS	11.8 14.829	10.0 12.365 272	19.u 11.784 303	28 +5 7 -4 94 2 A3	39.1 8.977 300	47.9 6.967 294	53.1 4.992 301	51.9 5.915 303	44.0 6.233 277	36.6 8.374 247	29.1 8.272 291	17.a 12.676 296	52.5 17.516 351-
ĺ	MEAN   SD   TOT OBS	11.6 15.148 271	10.9 12.414 252	19.9 11.535 283	29 +0 7 +8 31 2 89	39.6 9.739 307	48.1 1.640 273	54.1 5.145 306	53.2 6.110 307	45.7 6.085 204	76.3 8.15 105	29.1 8.850 291	17.8 12.855 283	*3.7 17.621 8479
  -146 	MEAN	12.5 14.284 301	11.7 11.396 277	21.5 10.044 303	28 • 7 8 • 6 = 6 2 • 7	39.1 10.473 302	47.4 6.391 205	53.1 5.746 334	52+6 6+891 999	45.1 6.479 286	17.1 8.228 203	29.6 8.205 225	18+3 12+175 304	73.2 17.163 3463
  17	MEAN 1	13.2	13.0 10.620 272	21.7 9.891 302	28 -5 9 -2 48 2 9 3	38.2 10.397 301	47.5 6.191 294	52+7 5+147 305	52.1 6.607 305	45.1 7.067 225	47.4 9.695 204	29.5 8.191 2 <sup>94</sup>	18.4 12.074 306	33.2 16.912 3577
10S	101 0851		12.3 10.536 273	21.9 9.728 3ù4	28 .8 8 .7 41 2 28	38.5 10.402 302	47.4 H.1A7 492	52.9 5.6 ts 306	52.4 6.321 299	45.7 6.727 291	37+2 8+531 293	29.4 8.175 209	18.2 12.461 297	33.3 16.972 1519
-231	MEAN 1 SD J TOT ORSI	12.6 14.214	17.1 11.126 272	21 • 2 10 • 204 303	28 +8 8 +8 14 2 07	39.2 10.123 39.2	46 - 1 7 - 95 3 29 1	53.7 5.373 396	53.2 6.00A 304	45.5 6.240 295	37.3 8.365 300	29.0 8.412 294	17.8 12.707 307	33.4 17.317 3573
	MEAN I SD I	12.5 14.450 2372	11.6 11.544 2167	20.8 10.683 2405	28 -9 8 -3 28 23 *0	39.0 9.861 2417	47.9 7.679 2348	53.4 5.590 24.58	52.7 6.211 2421	45.2 6.328 2331	37.3 9.411 2408	29.4 8.343 2337	18.1 12.534 2400	33.3 17.257 28374

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### CAPTURE A TREE CATA CARRAGE SOCIAL CAMENT PAGE

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- THE REPORT OF THE PROPERTY OF THE SERVER HAPPENAL RELEASE AND AND WILL SERVER FREED IN THESE SERVERSES.
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- 1. A TERCUNTARY ENTERFACE OF DRASS SUMMERY OF ARRIODS A PROPRIED FOR PROPERTY AND THE RELIGIOUS TO A VALUE OF
- T. TATA BASEC ON STMMARY OF GAY MATE.
- THE BURNARIATE OF MORTH WITH ALL PROFE AND ALL YEARS COMPINED.

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THE CENTACE FREQUENCY OF VARIETY CASE A AMOUNTS OF PRECIPITATION CONTRACT AND THE STREET STREAMERTE.

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CONTA PERSENTE OF YOUR CAR MONTH.

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AN EXCURRENCE FOR THE MONTH ARE INDICATED BY SERES.

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CATA : FELVER F. . P. CUMMARY OF LAY DEFE.

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THE PROOF PROPERTY OF ACT BEY PRESENTED FOR EXPROPERTY AND LOWEST VALUES.

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CATALLERIAL FOR SOMMERY OF GAY OFFI.

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AS PUBLISH INTERTO IN THE OMPLETE MENTER.

SECRETAC SERVICE/MACH

### COMULATIVE PERCENTAGE OF OCCURRENCE OF MAXIMUM TEMPERATURES FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 59-71, 73-87 STATION NUMBER: 260632 STATION NAME: LENINGRAD USSR FEH AUG SEP OCT NOV DFC TEMPERIS ړ۸ ۵ل +7 +7 144 5 + 3 .1 . 1 . 9 6F 6.r 611 . 3 2.2 7.7 14.9 24.8 43.9 3.7 12.9 32.6 56.5 82.7 6.1 12.3 7.3 17.1 73.9 53.2 75.5 70 1.0 2.1 5.6 13.2 27.6 22.6 6 f 11.4 18.5 26.0 36.3 04 64 71.2 92.2 3.9 2.7 28.2 65 62.5 82.7 93.3 96.1 4 C. 6 92.4 99.1 .6 3.9 14.4 45.7 47.8 51.2 57.0 68.7 78.7 65.7 70.0 91.6 56.6 501 451 • 1 • 3 • 7• 5 98 • 8 100.0 БF 47.2 100.0 96.4 61.0 11.0 1.8 1.0 12.0 32.9 46.5 57.0 68.7 79.9 78.4 91.5 98.1 GE GE 401 301 351 98.0 100.0 23.9 50.9 76.7 100.0 20 4 45 0 26.1 49.4 67.3 75.8 87.9 65.6 98.3 99.3 GΕ 13.6 75.9 9.9 90.6 Gŧ. 20| 15| 10| 91.1 95.7 98.3 160.0 £6.3 54.3 57.8 G E 98.4 99.3 98.2 99.1 100.6 G£ e ( - 5 ) 92.7 95.8 C 5 . 9 97.1 100.0 GE -51 GE -101 GE -151 GE -201 GE -201 GE -301 44.4 99.0 90.A 99.9 ↑7.F 59.1 99.£ 100.0 60.0 100.0 1(0.) 29.4 100.0 100.0 22+L 10+222 768 45.1 19.393 20.5 32.1 6.152 785 44.5 69.1 66.2 °6.7 45.5 34.5 6.766 7.016 7.679 7.397 7.010 739 727 724 698 691 58.5 9.898 790 26.2 65.9 7.913 MEAN I 8 .646 765 7.910 691 13.113 9.786 760 75. TOTAL ORS I

# CLMELATIVE FERCENTAGE OF OCCUPRENCE OF MINIMUM TEMPERATURES. FROM SUMMARY OF DAY CATA

STATION NUMBER			STATION										71. 7:-#7
TEMPTEIL	Jâħ	FEE	МАК	AFR	MAY	JUN	JIL	At (,	SEE	(1	* ^ ¥	5-E-C	A No No Co
6E 701	• • • • • • •		*******	• • • • • • •		••••••	• • • • • • •	.1		• • • • • • • •			• • • • • • • • • • • • • • • • • • •
UE 651						• 5	2.0	1.5					• ?
DE [7]					1.3	5.0	14 . 6	11.0					- 1
68 55				• 1	6 . 8	22.9	48.2	76 . 2	7.7				11
GE 501				.7	15.2	56.9	86.5	74.7	25.8	3.7	- 1		1.1.1
CE 451				3.0	35.1	A 3 . 2	97 . A	90.6	6.1	1.7 • 5	1 . *		12.2
6f 4f)			• 1	7.7	59.0	94.1	¢9.6	97.9	*5.4	7.4.472	5.6		1.06
€E 351	1 - 3	. 1	5 . 9	28.5	85,4	99.3	99.9	99.9	≎0.5	63.3	23.3	. • 4	5 p . C
CE 331	6.1	2 • 1	13.0	41 .R	90.5	100.0	100.0	100 • 0	93.4	71.1	73.7	7 - 1	64.6
⊌F 3∩1	1 ₹• ₽	5.6	28.3	£7.7	97.2				58.⊀	63.5	53.5	.1.1	t 4 • 1
et 5.1	24.4	18.9	46.6	88.6	99.7				34.4	63.1	75.€	40 • ₹	7 7 . 4
1.02 3.0	15.0	31.9	57.7	96.5	100.0				100.0	56.4	A 3 • 1	* 1 • 7	14.1
6E 1* J	46.2	46.5	67.6	98.6						نه و و ا	91.3	65.4	44.1
6E 171	56.1	63.2	79.7	99.1						100.5	95.4	74.8	⊬ si . 7
ι;ŧ - <u>-</u> - [	€ 4.7	70.6	Яэ.5	99.5							31.5	F + + 2	91.5
6f ∩I	75.1	79.5	93.4	49.9							79.3	61.5	\$4.Q
6E -51	9.2.4	85.6	96.6	1 00 .0							79.7	ς € • α	46.7
UF -101	49.4	35.8	99.5								100.0	47.6	5 P . 2
6F +1°	94.1	96.8	99.7									49.1	37-11
61 -231	27.3	78.6	100.0									9 ¥ • 5	44.5
6E -25	99.0	99.6										49.7	40.0
66 - 371	100.0	33.4											166.3
68 - 351		100.6										60.0	100.0
€t -47[												1 ( 0 • 0	100.0
	• • • • • • • •	• • • • • • • •						• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •		
MEAN I	11.0	11.5	23.5	11.5	42.1	56.0	£4,5	52.5	44.9	36+7	28.1	18.2	33.4
5.0	15.675	13.527	12.178	6.618	7.396	6.081	5.003	6.035	7.272	7.905	9.228	12.513	17.973
TOTAL OPS I	7 P	70.5	7 8 5	765	7 4 0	760	739	121	724	694	601	7 3 5	8 Q ()4

DE HAND CLIMATOLOGY BRANCH COAFETAC AIR WEATHER SERVICEZMAC

## CUMULATIVE STREETINGS OF OFCURPENCE OF PEAN LEMFEDATIONS FROM SUMMARY OF DAY PATA

STATION NAME : LENINGRAU USSR FERIOD OF RECORES 59-11. France ELMPLETT JAN FEB MAR V U.S. 801 751 721 651 .1 .4 5.4 19.7 48.6 to f 16.2 42.8 71.8 91.8 .9 K.2 14.3 28.9 51.8 76.8 93.8 8.9 33.7 67.4 2.8 10.4 29.5 60.1 42.3 99.3 3.6 2.5 15.4 26.0 16.0 46.7 77.3 77.3 .1 2.5 5.6 16.3 ( · f 501 551 501 նք Եք 94 • 2 A1.6 2.3 11.6 25.2 62.5 81.8 3.2 14.9 37.9 GF GF 3 • 4 22 • 0 451 401 351 351 251 261 161 51 100.0 100.0 39.5 99.9 7.6. 13.7 39.6 47.9 62.6 74.2 84.3 6.0 20.1 33.1 7.7 48.2 6.E 92.3 100.0 100.0 53.3 65.8 82.3 14.5 50.1 65 00.1 00.0 100.0 10.1 10.3 10.5 16.1 43.7 46.7 59.7 67.9 91.6 91.7 94.3 75.7 99.2 67 65 92.6 92.6 93.0 6 6 . 9 6 6 . 9 6E 51 6E 51 6E -51 6E -101 6E -701 6E -701 6E -701 76.3 95.5 91.6 99.5 99.7 77.7 40.0 100.0 98.5 99.3 25.1 94.6 155.0 a sign 49.6 99.6 19.6 190.0 49.9 176.3 10.0 100.0 MEAN 1 15.9 17.0 St 1 14.204 11.644 TOTAL ORS ( 742 706 20.4 9.729 785 \$6.3 6.976 765 58.2 6.179 760 53.6 7.916 51.0 6.835 31.5 19.5 . . . . . . 59.6 62+1 5+114 739 41.3 7.259 698 5.802 727 790 724 671 735 6964

SEOMAL CLIMATCEOGY BRANCH USAFETAE AIR WEATHER SERVICE/MAC

### EXTREME VALUES OF MAXIMUM TEMPERATURE IFROM DAILY OBSERVATIONS!

STATICA NUMBER: 26043C STATION NAME: LENINGRAD USSR

PERIOD OF RECORD: 59-71, 73-87

1						WHOLE DEC	FRFES FA						# L L
QA JY	JAN	FfB	μAR	AF 17	маү	Juk	Jul	846	<b>∢ {</b> ₽	000	NOV	(-1. C	MONTH
59	* 37	* 36	*45	• • • • • • • • • • • • • • • • • • •	*70	+81	*86	*82	*64	*52	• • • • • • • • • • • • • • • • • • •	• 36	• • • • • • • • • •
68 1	<b>•</b> 34	<b>*</b> 37	*43	<b>+</b> 5.9	<b>+77</b>	+79	•8.6	+77	•61	+52	445	<b>* 3</b> 9	۹.
61 1	<b>*</b> 37	<b>*</b> 39	*43	*61	*82	+82	<b>*</b> 79	+88	+66	<b>+</b> 50	#45	+ 36	• g
62	<b>*</b> 39	<b>★</b> ₹6	*37	*6 P	<b>*</b> 73	<b>*</b> 75	+77	<b>*</b> 68	+63	o f: 1	<b>+4</b> 8	<b>+</b> 3 7	• Ž
63 J	# 28	e 34	+32	<b>*66</b>	<b>*81</b>	<b>*</b> 73	<b>*</b> 9.0	*R1	•8.7	# 5 rt	#4 P	437	• 9
54 I	* 37	* 34	+39	61	+72	*81	•79	*68	6 R	♦ €, 4	*46	• 3 9	<b>≠</b> A
65	* 36	<b>•</b> 34	+41	<b>*57</b>	<b>*63</b>	<b>≠81</b>	+77	+79	7.0	* 5 5	<b>#</b> 45	3.6	• A
€6	36	35	+41	•46	<b>*</b> 77	<b>*81</b>	8.1	<b>●</b> 75	*66	64	4 ?	37.	. ₽ R
67 1	<b>★</b> 32	<b>*</b> 36	445	<b>*57</b>	75	75	8.2	8.6	81	6.3	*5?	3.7	a
68 [	30	<ul> <li>36</li> </ul>	<b>*</b> 54	6 7	*7S	<b>*</b> 8 4	<b>*</b> 79	*81	8.2	5.2	*4 A	• 36	<b>*</b> A
69	* 34	<b>*</b> 32	*43	+61	77	7.7	<b>+84</b>	<b>*75</b>	<b>.</b> 7 ₹	55	4 0	• 3.5	• 9
70 1	34	34	39	66	84	61	*8 B	+75	7.5	<b>6</b> 5 4	41	• 3.9	• A
71 [	<b>* 45</b>	39	<b>*</b> 43	5 5	8 1	7.7							
73 1	• 42	<b>◆</b> 5g	5 5	6.2	75	<b>*</b> 78	<b>≉</b> 8 6	* 8 G	•63	• 6.2	*46	• ₹ 9	. A
74	<b>*</b> 35	<b>*</b> 37	#46	<b>♦</b> 5.5	64	<b>+77</b>	*8 Z	7.5	* 7 °	6.8	4.5	• 4 1	<b>●</b> A
75 I	• 41	*41	#46	*64	*B2	<b>*</b> 7.8	<b>+8</b> D	♦ 7.8	<b>*</b> 7 9	●62	•46	• 4 1	* 4
76	<ul><li>33</li></ul>	<b>±</b> 39	* 3.9	•63	<b>*75</b>	*77	*8 C	73	7 ?	* 4 A	51	+ 4 1	• A
77	<b>*</b> 35	32	<b>*</b> 42	59	75	*66	8.2	* B 2	7.9	52	<b>≠</b> 49	* 3 7	• A -
78 ]	<b>+</b> 37	<b>*</b> 32	*46	<b>+7</b> ?	<b>*</b> 75	79	8.2	8 1	7.7	5.5	5 0	2 P	٩
79	<b>+</b> 34	36	4.5	64	B 2	79	7 3	<b>477</b>	€4	+51	46	5 (1	Ą
30	36	34	43	12	7.3	*84	8.2	9 1	7.2	54	46	39	+ 9
81 1	35	37	50	4.8	8 1	64	8.2	7 3	<b>≠</b> 69	• 66	3.7	34	9
82	ø 34	<b>★ 3</b> 5	*42	<b>*</b> 6.2	74	* 7 3	<b>*</b> 8.2	<b>*</b> 7 4	7 1	* 5 <b>7</b>	4 7	47	•9
83 I	43	54	<b>#</b> 43	7 7	¥74	<b>*77</b>	6 3	*81	74	5 7	47	3 7	q
નવ !	• 38	51	4.6	67	8 7	<b>*</b> 78	•78	8.2	₽£	6.5	<b>●</b> 4 R	39	8
45	* 32	+ 2a	4.7	5 4	<b>*</b> 84	74	7 A	+91	<b>*</b> 71	<b>+</b> 60	45	• 4.0	• 9
96	5.7	29	49	76	7.5	8.2	8 1	* B 4	67	54	<b>≠</b> 5 ⊃	+43	<b>≠</b> 9
97 [	30	<b>*</b> 76	44	<b>+6</b> ₹	# 7 R	*74	81	471	•63				
MEAN !	35.3	34.2	46.4	6 3 . 1	71.2	78.7	80.6	79.7	72.1	58.1	45.9	38.3	• • • • • • • • •
5.9. L	4 . 166	2.974	4.586	7.994	5.862	3.219	7.838	4.803	6.433	5.770	3,988	6.255	
t 085 L	7.92	7 gs	795	76 5	790	760	739	727	724	698	691	735	690

NOTES + (RASED ON LESS THAN FULL MONTHS)

# (AT LEAST ONE DAY LESS THAN 24 ORS)

# GLOBAL CLIMATOLOGY BRANCH IXTRIME VALUES OF MINIMUM TEMPFRATURE USAFETAC IFROM DAILY OBSERVATIONS! AIR WEATHER SERVICE/MAC

STATION NUMBER: 260633 STATION NAME: LENINGRAD USSR

PERIOD OF RECOPO: 59-71, 73-87

,					'	POLE DES	REES FAI						≱ړو
YEAR 1	PA L	FEB	MAR	AFR	HAY	JUN	A L	∆UG	SEP	$0\in I$	NOV	Ţ.E.C	PONTES
	• • • • • • • •	••••	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • •	• • • • • • • • • •		• • • • • • • •	• • • • • • •	• • • • • • • • •	• • • • • • • • •
59	• -2	• 10	<b>*</b> 7	*21	* 3 2	<b>*</b> 45	*43	+41	* 32	• 16	* 1	*-11	• -11
60 [	<b>* ~ 22</b>	• - 15	• - 1 1	<b>+</b> − 2	*2 A	+46	+48	: 1	* 35	• 1 E	• 3	• 1 €	+-22
61 1	• <del>-</del> 6	<b>*</b> 16	+14	*2 1	*28	<b>*</b> 45	#4.8	<b>*</b> 43	* 3 D	• 39	*14	**15	• ÷1 %
62	<b>* - 15</b>	<b>+</b> −2	<b>+−2</b>	+2 F	• 3 0	+ 3 4	*45	*43	* 3 4	•15	• 1 4	• 1	• <b>-1</b> 5
63	<b>* -</b> 20	• - 18	• - 5 C	* 1	*32	<b>*</b> 34	*46	<b>*</b> 3 7	<b>+34</b>	<b>+</b> 5.6	<b>⊕</b> €.	• - 7	• - 2 0
64	<b>* −</b> 2	• -15	+ - 1 1	2 3	* 3 Z	<b>*</b> 3 9	*45	*43	28	* 2 R	<b>+</b> €	• _ 4	•-15
65	<b>+</b> −R	* ~ 22	• - 1 1	• 9	*25	• 36	•4 5	*36	3 7	• 21	• - A	- 2	• - 2 2
66 I	- 20	- 35	<b>*</b> - 6	•14	* 3 0	* 36	4.8	<b>*</b> 3 4	• 30	21	I a		-35
67	* - 24	<ul><li>+ - 18</li></ul>	19	<b>*2</b> 5	2.8	37	4 1	4.3	30	2.8	+14	- 1 s	<b>* -</b> 2 4
68 I	- 26	<b>+ -</b> 6	+ 1	2 3	<b>* 3</b> 0	<b>*</b> 39	<b>*</b> 37	<b>*</b> 45	27	16	*16	• - 9	-26
69	<ul><li>- 22</li></ul>	<b>+</b> − ≥0	• - B	<b>#1</b> 8	25	37	<b>•</b> 34	<b>*</b> 37	*32	23	1 6	• - A	• ~? x
70 !	- 22	- 17	3	14	28	39	<b>#4</b> €	<b>*43</b>	3 ()	• 2° 5	12	<b>◆</b> 3	-22
71	<b>* -</b> 6	-6	* - E	2 1	27	36							
73	<b>*</b> −3	◆ - 15	-6	26	3 3	*44	*44	<ul><li>35</li></ul>	<b>*</b> 2 4	*23	•6	4-13	•-1 <sup>₹</sup>
74	<b>+</b> −6	+ 15	\$ 3	<b>+1</b> 9	24	*41	♦5 Ci	41	#37	3.3	23	• 7.1	•-6
75	* -1	• - 10	• 6	<b>*26</b>	• 3 n	<b>*35</b>	<b>+39</b>	+39	<b>+35</b>	• 17	* S	<b>♦</b> 6 <sub>3</sub>	•-10
76 I	<b>* - 1</b> 5	* <del>-</del> 22	+-1	*24	•26	* 37	*44	+37	23	. 14	- 1	4-13	• -2 2
77 1	→ - 15	-19	+-12	7	3.2	* 36	45	<b>*</b> 3 9	30	27	•18	4-13	-19
78	<b>*</b> - 11	<b>*</b> = 9	• <b>-</b> 2	*19	*23	35	45	37	30	23	19	- 36	-36
79	<ul><li>- 22</li></ul>	- 24	c	16	3.2	45	4.6	*43	34	*17	21	2	-24
80 1	- 13	-17	-6	ž 1	28	+43	46	39	31	1.8	1	- 4	-17
81	-6	<b>-</b> 2	~11	19	2.8	36	5 n	45	<b>•</b> 3 7	• 28	14	-6	-11
92 1	<b>+</b> ~ 18	<b>∗</b> −8	+11	•2 A	30	*34	<b>+</b> 5 Ï	<b>*49</b>	3.8	*21	2.2	15	18
83	A	-2	+ - 1	29	<b>≠3</b> 8	*42	5.3	*41	3.9	29	6	5	- 2
84	+ 11	11	7	2.6	34	*40	•51	39	44	₹1	* - 3	2	*-3
85 /	# - 20	+ - 14	1.8	2.3	+34	35	4.7	<b>*50</b>	+35	• 27	A	• 2	* - 2 O
96	- 16	-7	14	2.2	3.5	4.8	4.6	+44	30	29	+26	• - 5	-16
87	- 3C	<b>∗</b> −7	-6	•20	* 35	*48	44	•42	+ 39				• •
MEAN !	-1°.6	-11.6	1.4	21.0	29.5	38.7	46.6	40.7	32.1	25.3	13.3	-4.4	• • • • • • • • •
5.0.	12.141	13.172	9.926	5.972	3.431	4.664	7.171	2.044	5.484	5.461	8.148	13.672	
L 085 I	787	708	785	765	790	760	73.9	727	724	698	691	735	8934

NOTES \* (BASED ON LESS THAN FULL MONTHS)

# (AT LEAST ONE DAY LESS THAN 24 ORS)

# END DATE LAMED ARRON RESIDENT ARRON RESIDENT BELLINE BELLI